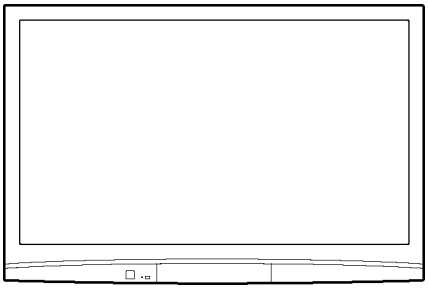
ORDER NO. MTNC080202CE
B34 Canada: B07

Service Manual

50” Class 720p Plasma HDTV

Model No. TH-50PX80U

GPH11DU Chassis



⚠ WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public.
It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product.
Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

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1 Safety Precautions

1.1. General Guidelines

1. When conducting repairs and servicing, do not attempt to modify the equipment, its parts or its materials.
2. When wiring units (with cables, flexible cables or lead wires) are supplied as repair parts and only one wire or some of the wires have been broken or disconnected, do not attempt to repair or re-wire the units. Replace the entire wiring unit instead.
3. When conducting repairs and servicing, do not twist the Faston connectors but plug them straight in or unplug them straight out.
4. When servicing, observe the original lead dress. If a short circuit is found, replace all parts which have been overheated or damaged by the short circuit.
5. After servicing, see to it that all the protective devices such as insulation barriers, insulation papers shields are properly installed.
6. After servicing, make the following leakage current checks to prevent the customer from being exposed to shock hazards.

1.1.1. Leakage Current Cold Check

1. Unplug the AC cord and connect a jumper between the two prongs on the plug.
2. Measure the resistance value, with an ohmmeter, between the jumpered AC plug and each exposed metallic cabinet part on the equipment such as screwheads, connectors, control shafts, etc. When the exposed metallic part has a return path to the chassis, the reading should be between 1Mohm and 5.2Mohm.
   When the exposed metal does not have a return path to the chassis, the reading must be ∞.

1.1.2. Leakage Current Hot Check (See Figure 1.)

1. Plug the AC cord directly into the AC outlet. Do not use an isolation transformer for this check.
2. Connect a 1.5kohm, 10 watts resistor, in parallel with a 0.15µF capacitors, between each exposed metallic part on the set and a good earth ground such as a water pipe, as shown in Figure 1.
3. Use an AC voltmeter, with 1000 ohms/volt or more sensitivity, to measure the potential across the resistor.
4. Check each exposed metallic part, and measure the voltage at each point.
5. Reverse the AC plug in the AC outlet and repeat each of the above measurements.
6. The potential at any point should not exceed 0.75 volts RMS. A leakage current tester (Simpson Model 229 or equivalent) may be used to make the hot checks, leakage current must not exceed 1/2 milliamp. In case a measurement is outside of the limits specified, there is a possibility of a shock hazard, and the equipment should be repaired and rechecked before it is returned to the customer.

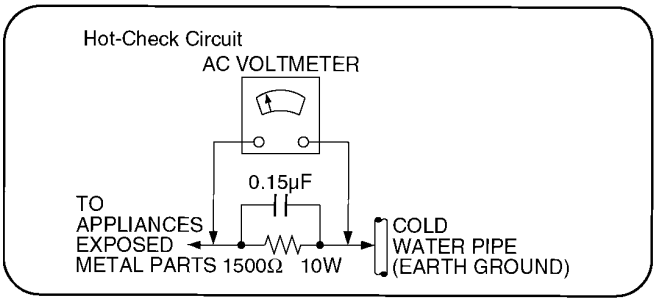


Figure 1

2 Warning

2.1. Prevention of Electrostatic Discharge (ESD) to Electrostatically Sensitive (ES) Devices

Some semiconductor (solid state) devices can be damaged easily by static electricity. Such components commonly are called Electrostatically Sensitive (ES) Devices. Examples of typical ES devices are integrated circuits and some field-effect transistors and semiconductor "chip" components. The following techniques should be used to help reduce the incidence of component damage caused by electrostatic discharge (ESD).

1. Immediately before handling any semiconductor component or semiconductor-equipped assembly, drain off any ESD on your body by touching a known earth ground. Alternatively, obtain and wear a commercially available discharging ESD wrist strap, which should be removed for potential shock reasons prior to applying power to the unit under test.
2. After removing an electrical assembly equipped with ES devices, place the assembly on a conductive surface such as aluminum foil, to prevent electrostatic charge buildup or exposure of the assembly.
3. Use only a grounded-tip soldering iron to solder or unsolder ES devices.
4. Use only an anti-static solder removal device. Some solder removal devices not classified as "anti-static (ESD protected)" can generate electrical charge sufficient to damage ES devices.
5. Do not use freon-propelled chemicals. These can generate electrical charges sufficient to damage ES devices.
6. Do not remove a replacement ES device from its protective package until immediately before you are ready to install it. (Most replacement ES devices are packaged with leads electrically shorted together by conductive foam, aluminum foil or comparable conductive material).
7. Immediately before removing the protective material from the leads of a replacement ES device, touch the protective material to the chassis or circuit assembly into which the device will be installed.
   Caution
   Be sure no power is applied to the chassis or circuit, and observe all other safety precautions.
8. Minimize bodily motions when handling unpackaged replacement ES devices. (Otherwise ham less motion such as the brushing together of your clothes fabric or the lifting of your foot from a carpeted floor can generate static electricity (ESD) sufficient to damage an ES device).

IMPORTANT SAFETY NOTICE

There are special components used in this equipment which are important for safety.
These parts are marked by ⚠ in the schematic diagrams, Exploded Views and replacement parts list. It is essential that these critical parts should be replaced with manufacturer's specified parts to prevent shock, fire, or other hazards. Do not modify the original design without permission of manufacturer.

2.2. About lead free solder (PbF)

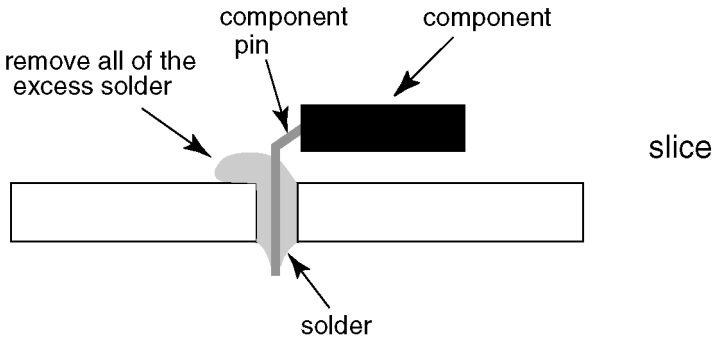
Note: Lead is listed as (Pb) in the periodic table of elements.
In the information below, Pb will refer to Lead solder, and PbF will refer to Lead Free Solder.
The Lead Free Solder used in our manufacturing process and discussed below is (Sn+Ag+Cu).
That is Tin (Sn), Silver (Ag) and Copper (Cu) although other types are available.

This model uses Pb Free solder in it's manufacture due to environmental conservation issues. For service and repair work, we'd suggest the use of Pb free solder as well, although Pb solder may be used.

PCBs manufactured using lead free solder will have the PbF within a leaf Symbol **PbF** stamped on the back of PCB.

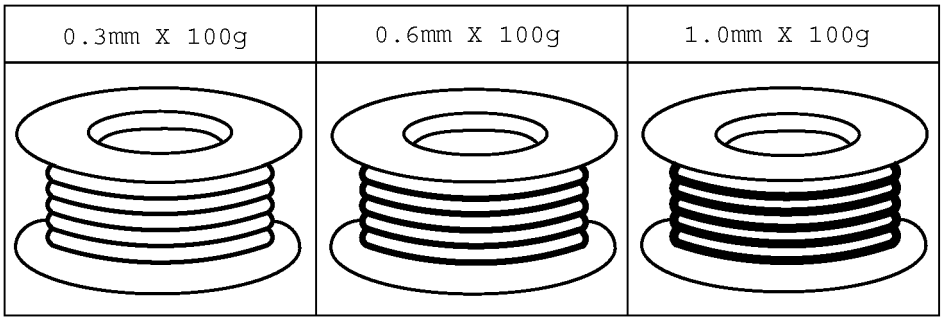
Caution

- Pb free solder has a higher melting point than standard solder. Typically the melting point is 50 ~ 70 °F (30~40 °C) higher. Please use a high temperature soldering iron and set it to 700 ± 20 °F (370 ± 10 °C).
- Pb free solder will tend to splash when heated too high (about 1100 °F or 600 °C).
  If you must use Pb solder, please completely remove all of the Pb free solder on the pins or solder area before applying Pb solder. If this is not practical, be sure to heat the Pb free solder until it melts, before applying Pb solder.
- After applying PbF solder to double layered boards, please check the component side for excess solder which may flow onto the opposite side. (see figure below)



Suggested Pb free solder

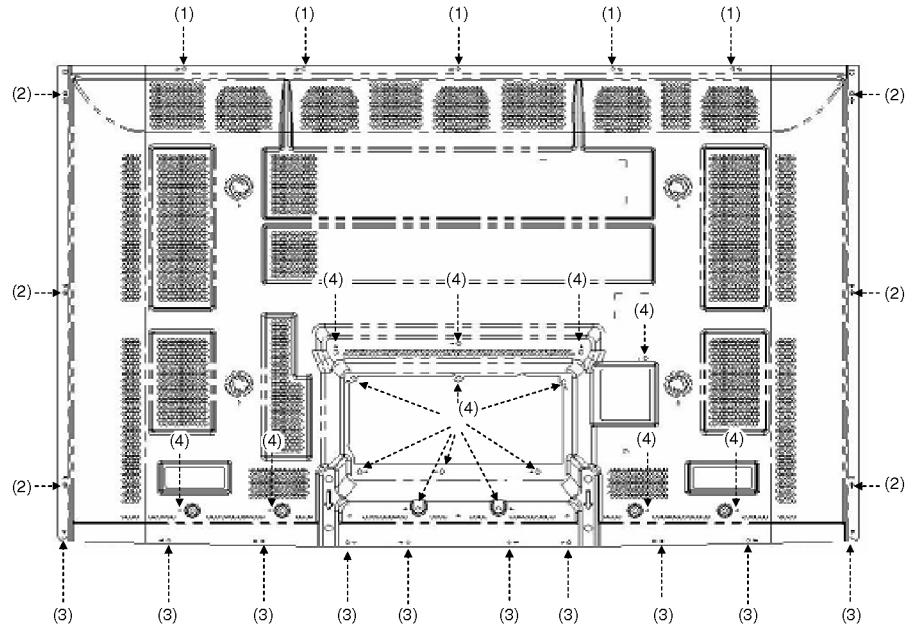
There are several kinds of Pb free solder available for purchase. This product uses Sn+Ag+Cu (tin, silver, copper) solder. However, Sn+Cu (tin, copper), Sn+Zn+Bi (tin, zinc, bismuth) solder can also be used.



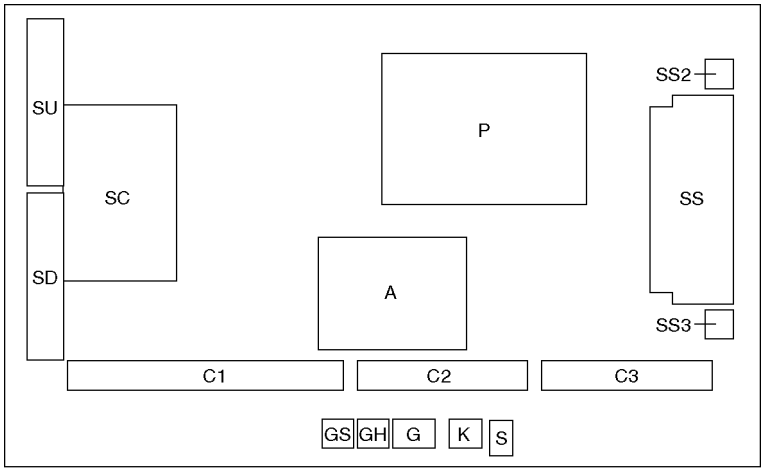
3 Service Navigation

3.1. Service Hint

Remove the Rear cover



Remove:
5screws (1) THEL052Z
6screws (2) XYN4+F30FJK
10screws (3) XTB4+12GFJK
16screws (4) THEL0429



Board Name	Function	Board Name	Function
P	Power Supply P-Board should be exchanged for service.	C1	Data Driver (Lower Right)
		C2	Data Driver (Lower Center)
A	DC-DC Converter Speaker out, Sound Processor AV Terminal, AV Switch Digital Signal Processor, Micon, HDMI Interface Peaks Lite 2p Format Converter, Plasma AI, Sub-Field Processor	C3	Data Driver (Lower Left)
		SC	Scan Drive
		SU	Scan out (Upper)
		SD	Scan out (Lower)
		SS	Sustain Drive
		SS2	Sustain out (Upper)
K	Remote receiver, Power LED	SS3	Sustain out (Lower)
S	Power Switch	GS	SD Card Slot, Key Switch
GH	HDMI 3	G	Front Terminal

3.2. Applicable signals

* Mark: Applicable input signal for Component (Y, PB, PR) and HDMI

	horizontal frequency (kHz)	vertical frequency (Hz)	COMPONENT	HDMI
525 (480) / 60i	15.73	59.94	*	*
525 (480) /60p	31.47	59.94	*	*
750 (720) /60p	45.00	59.94	*	*
1,125 (1,080) /60i	33.75	59.94	*	*
1,125 (1,080)/60p	67.43	59.94		*
1,125 (1,080)/60p	67.50	60.00		*
1,125(1,080)/24p	26.97	23.98		*
1,125(1,080)/24p	27.00	24.00		*

Note

- Signals other than those shown above may not be displayed properly.
- The above signals are reformatted for optimal viewing on your display.

4 Specifications

Power Source	AC 120 V, 60 Hz	
Power Consumption		
Maximum	497 W	
Standby condition	0.2 W	
Plasma Display panel		
Drive method	AC type	
Aspect Ratio	16:9	
Visible screen size	50 " class (49.9 inches measured diagonally)	
(W × H × Diagonal)	43.5 " × 24.4 " × 49.9 " (1,106 mm × 622 mm × 1,269 mm)	
(No. of pixels)	1,049,088 (1,366 (W) × 768 (H))[4,098 × 768 dots]	
Sound		
Audio Output	20 W [10 W + 10 W] (10 % THD)	
Channel Capability (Digital/Analog)	VHF/ UHF: 2 - 69, CATV: 1 - 135	
Operating Conditions		
	Temperature:	32 °F - 104 °F (0 °C - 40 °C)
	Humidity:	20 % - 80 % RH (non-condensing)
Connection Terminals		
VIDEO IN 1-2	VIDEO:	RCA PIN Type × 1 1.0 V [p-p] (75 Ω)
	S-VIDEO:	Mini DIN 4-pin Y: 1.0 V [p-p] (75 Ω) C: 0.286 V [p-p] (75 Ω)
	AUDIO L-R:	RCA PIN Type × 2 0.5 V [rms]
COMPONENT INPUT 1-2	Y:	1.0 V [p-p] (including synchronization)
	PB, PR:	±0.35 V [p-p]
	AUDIO L-R:	RCA PIN Type × 2 0.5 V [rms]
HDMI 1-3	TYPE A Connector × 3	
	This TV supports "HDAVI Control 3" function.	
Card slot	SD CARD slot × 1	
AV PROG OUT	VIDEO:	RCA PIN Type × 1 1.0 V [p-p] (75 Ω)
	AUDIO L-R:	RCA PIN Type × 2 0.5 V [rms]
DIGITAL AUDIO OUT	PCM / Dolby Digital, Fiber Optic	
FEATURES	3D Y/C FILTER	
	CLOSED CAPTION	V-Chip
	Photo Viewer	HDAVI Control 3
Dimensions (W × H × D)		
Including pedestal	47.7 " × 33.2 " × 15.3 " (1,210 mm × 842 mm × 387 mm)	
TV Set only	47.7 " × 31.2 " × 3.8 " (1,210 mm × 790.5 mm × 95 mm)	
Mass		
Including pedestal	82.7 lb. (37.5 kg)	
TV Set only	76.8 lb. (34.8 kg)	

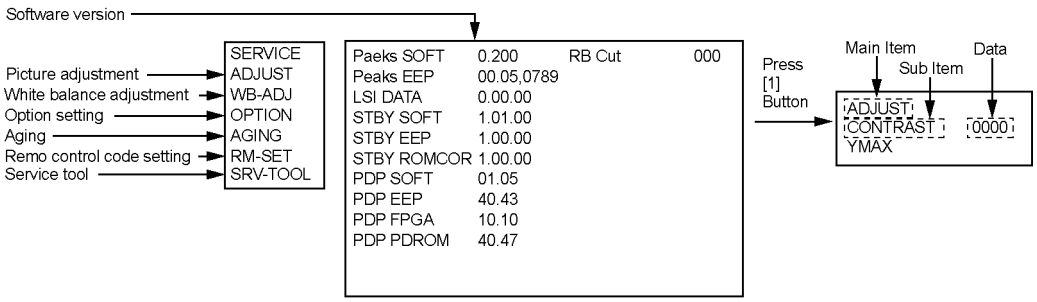
Note

• Design and Specifications are subject to change without notice. Mass and Dimensions shown are approximate.

5 Service Mode

5.1. How to enter into Service Mode

While pressing [VOLUME (-)] button of the main unit, press [INFO] button of the remote control three times within 2 seconds.



5.1.1. Key command

“1” button...Main items Selection in forward direction
“2” button...Main items Selection in reverse direction
“3” button...Sub items Selection in forward direction
“4” button...Sub items Selection in reverse direction
“VOL” button...Value of sub items change in forward direction (+), in reverse direction (-)

5.1.2. Contents of adjustment mode

- Value is shown as a hexadecimal number.
- Preset value differs depending on models.
- After entering the adjustment mode, take note of the value in each item before starting adjustment.

Main item	Sub item	Sample Data	Remark
ADJUST	CONTRAST	000	
	COLOR	3C	
	TINT	03	
	SUB-BRT	800	
WB-ADJ	R-CUT	80	
	G-CUT	80	
	B-CUT	80	
	R-DRV	FC	
	G-DRV	F8	
	B-DRV	D9	
	ALL-CUT	80	
	ALL-DRV	FC	
OPTION	BOOT	ROM	Factory Preset
	STBY-SET	00	
	EMERGENCY	ON	
	CLK MODE	00	
	CLOCK	000	
AGING	RGBW		
	COUNT		
	ALL WHITE		
	ALL RED		
	ALL GREEN		
	ALL BLUE		
	ON/OFF		
	RAMP WHITE		
	RAMP RED		
	RAMP GREEN		
	RAMP BLUE		
	1% WINDOW		
	COLOR BAR		
	A-ZONE B-ZONE/4 TRIO		
	SCROLL		
	WHITE FLAME		
RM-SET	CODE	A	Fixed
SRV-TOOL	-		See next

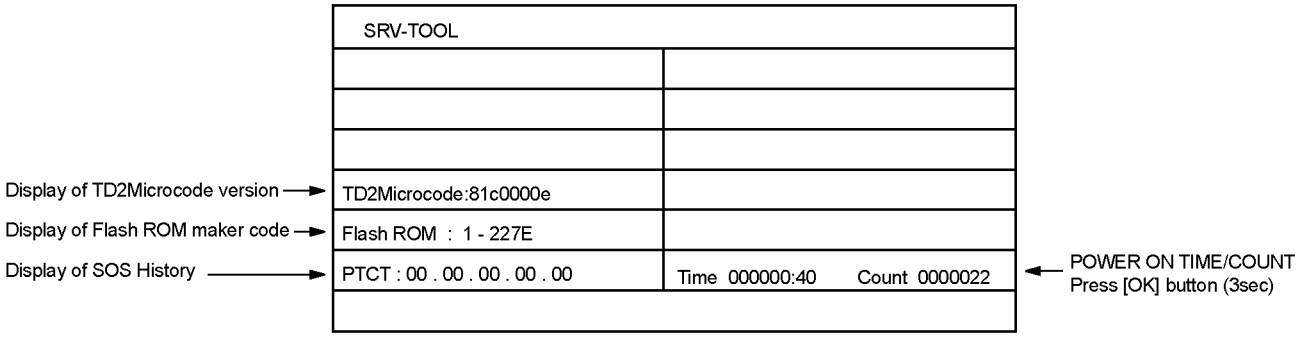
5.1.3. How to exit

Switch off the power with the [POWER] button on the main unit or the [POWER] button on the remote control.

5.2. Service tool mode

5.2.1. How to access

1. Select “SRV-TOOL” in Service Mode.
2. Press [OK] button on the remote control.


SRV-TOOL
Display of TD2Microcode version
TD2Microcode:81c0000e
Display of Flash ROM maker code
Flash ROM : 1 - 227E
Display of SOS History
PTCT : 00 . 00 . 00 . 00 . 00
Time 000000:40 Count 0000022
POWER ON TIME/COUNT
Press [OK] button (3sec)

5.2.2. Display of SOS History

SOS History (Number of LED blinking) indication.
From left side; Last SOS, before Last, three occurrence before, 2nd occurrence after shipment, 1st occurrence after shipment.
This indication except 2nd and 1st occurrence after shipment will be cleared by “Self-check indication and forced to factory shipment setting”.

5.2.3. POWER ON TIME/COUNT

Note : To display TIME/COUNT menu, highlight position, then press MUTE for (3sec).
Time : Cumulative power on time, indicated hour : minute by decimal
Count : Number of ON times by decimal
Note : This indication will not be cleared by either of the self-check or any other command.

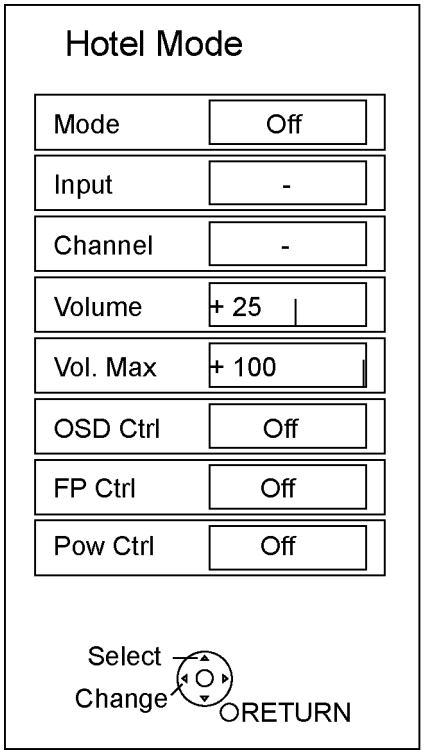
5.2.4. Exit

1. Disconnect the AC cord from wall outlet.

5.3. Hotel mode

1. Purpose
   Restrict a function for hotels.
2. Access command to the Hotel mode setup menu
   In order to display the Hotel mode setup menu, please enter the following command **(within 2 second)**.
   [TV] : Vol. “Down” + [REMOTE] : TV/VIDEO (3 times)

   Then, the Hotel mode setup menu is displayed.



3. To exit the Hotel mode setup menu
   Disconnect AC power cord from wall outlet.
4. Explain the Hotel mode setup menu

item	Function
Mode	Select hotel mode ON/OFF
Input	Select input signal modes. Set the input, when each time power is switched on. Selection: -/RF/COMP1/COMP2/HDMI1/HDMI2/HDMI3 VIDEO1/VIDEO2 • Off: give priority to a last memory.
Channel	Select channel when input signal is RF. Set the channel, each time power is switched on. Selection: Any channel number or “-”. “-” means the channel when turns off.
Volume	Adjust the volume when each time power is switched on. Range: 0 to 100
Vol. Max	Adjust maximum volume. Range: 0 to 100
OSD Ctrl	Restrict the OSD. Selection: OFF/PATTERN1 • OFF: No restriction • PATTERN1: restriction
FP Ctrl	Select front key conditions. Selection: Off/Pattern1/All • Off: altogether valid. • Pattern: only input key is valid. • All: altogether invalid.
Pow Ctrl	Select POWER-ON/OFF condition when AC power cord is disconnected and then connected. OFF: The same condition when AC power cord is disconnected. ON: Forced power ON condition.

6 Troubleshooting Guide

Use the self-check function to test the unit.

1. Checking the IIC bus lines
2. Power LED Blinking timing

6.1. Check of the IIC bus lines

6.1.1. How to access

Self-check indication only:

Produce TV reception screen, and while pressing [VOLUME (-)] button on the main unit, press [OK] button on the remote control for more than 3 seconds.

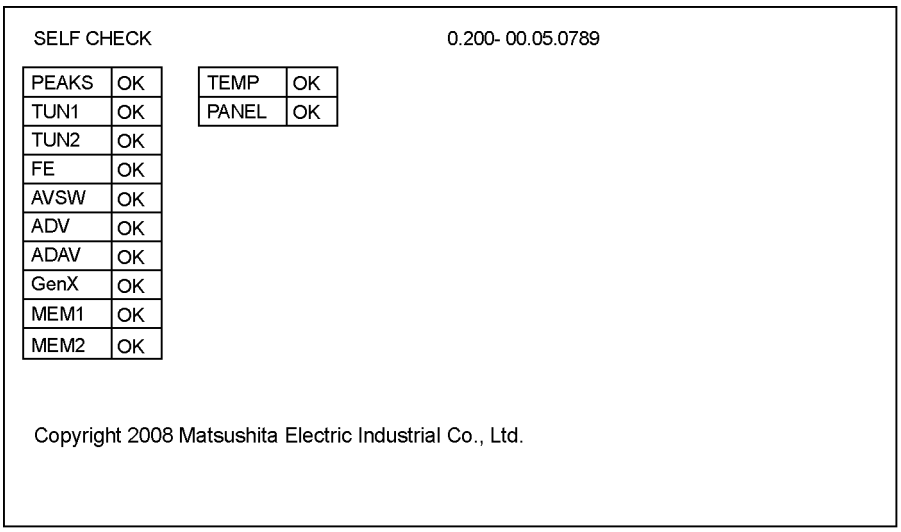
Self-check indication and forced to factory shipment setting:

Produce TV reception screen, and while pressing [VOLUME (-)] button on the main unit, press [MENU] button on the remote control for more than 3 seconds.

6.1.2. Exit

Disconnect the AC cord from wall outlet.

6.1.3. Screen display



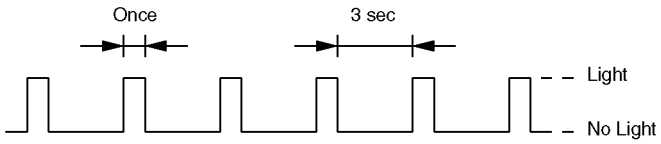
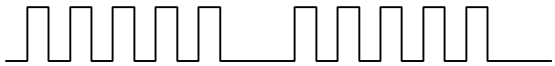
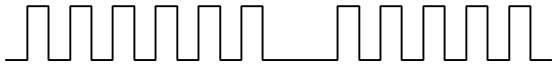
6.1.4. Check Point

Confirm the following parts if NG was displayed.

DISPLAY	Ref. No.	Description	P.C.B.
PEAKS	IC8001	Peaks Lite2p	A-Board
TUN1	TU8300	TUNER (PLL block)	A-Board
TUN2	TU8300	TUNER (MTS block)	A-Board
FE	IC8300	FRONT END PROCESSOR	A-Board
AVSW	IC3001	AUDIO/VIDEO SW	A-Board
ADV	IC4510	A/D CONV. , HDMI RX	A-Board
ADAV	IC2106	SOUND PROCESSOR	A-Board
GenX	IC1100	GenX5 (STB MCU)	A-Board
MEM1	IC1101	EEPROM (GenX5)	A-Board
MEM2	IC8503	EEPROM (Peaks)	A-Board
TEMP	IC9002	TEMP SENSOR	A-Board
PANEL	IC9003	PANEL MICON	A-Board

6.2. Power LED Blinking timing chart

1. Subject
   Information of LED Flashing timing chart.
2. Contents
   When an abnormality has occurred the unit, the protection circuit operates and reset to the stand by mode. At this time, the defective block can be identified by the number of blinks of the Power LED on the front panel of the unit.

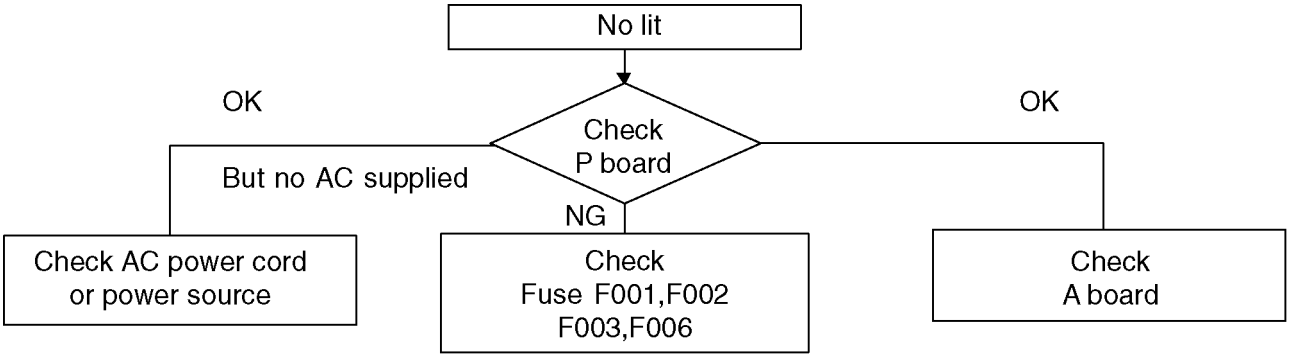
Blinking Times	Blinking timing	Contents	Check point
1		No particular check point	-
		Panel Status	-
		STB 5V SENSE Time out	A-Board
2		15V SOS	A-Board
3		3.3V SOS	A-Board
4		Power SOS	P-Board
5		5V SOS	A-Board
6		Driver SOS1 (SC Energy recovery circuit)	SU-Board SD-Board SC-Board
7		Driver SOS2 (SC floating voltage area)	SU-Board SD-Board SC-Board
8		Driver SOS3 (SS Energy recovery circuit)	SS-Board SS2-Board SS3-Board
9		Panel Config SOS	-
10		Sub 5V SOS Main 3.3V SOS DTV 9V SOS Tuner Power SOS	A-Board
12		Sound SOS	A-Board
13		Communication Error with IC8001 (Pesks Lite 2)	A-Board

6.3. No Power

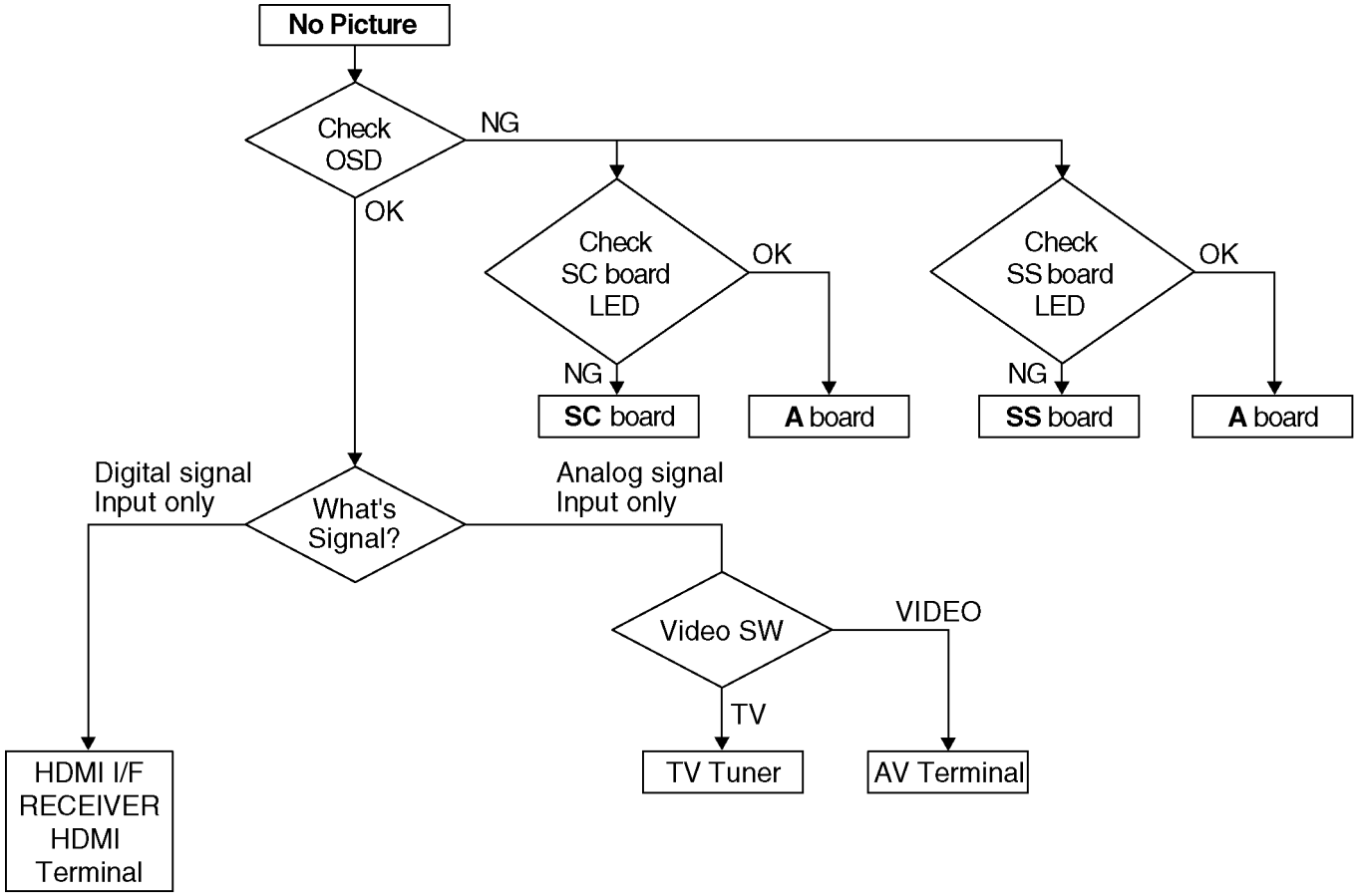
First check point

There are following 2 states of No Power indication by power LED.

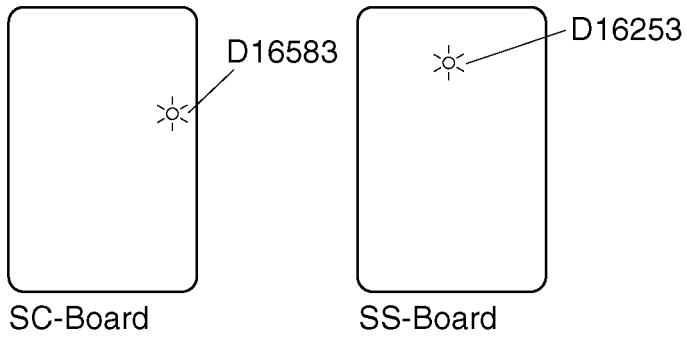
1. No lit
2. Red is lit then turns red blinking a few seconds later. (See 6.2.)



6.4. No Picture

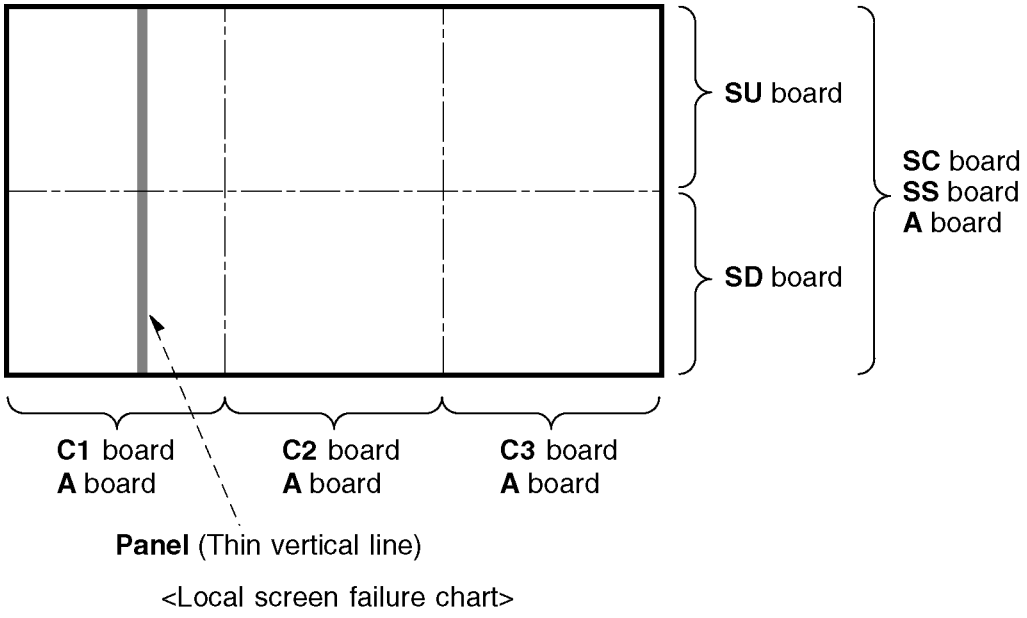


Drive circuits LED indicator



6.5. Local screen failure

Plasma display may have local area failure on the screen. Fig-1 is the possible defect P.C.B. for each local area.



<Local screen failure chart>

Fig-1

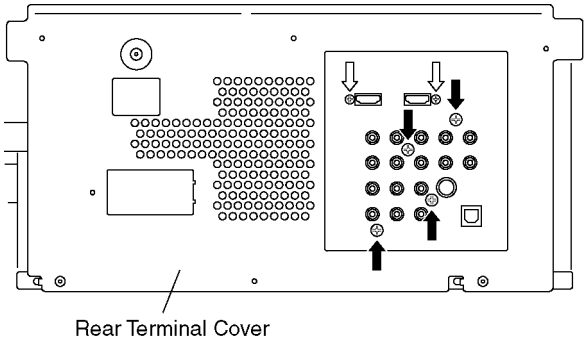
7 Disassembly and Assembly Instructions

7.1. Remove the Back cover

1. See Service Hint (Section 3)

7.2. Remove the Rear Terminal cover

1. Remove the screws (×4 ➡, ×2 ⇨).
2. Remove the Rear Terminal cover.

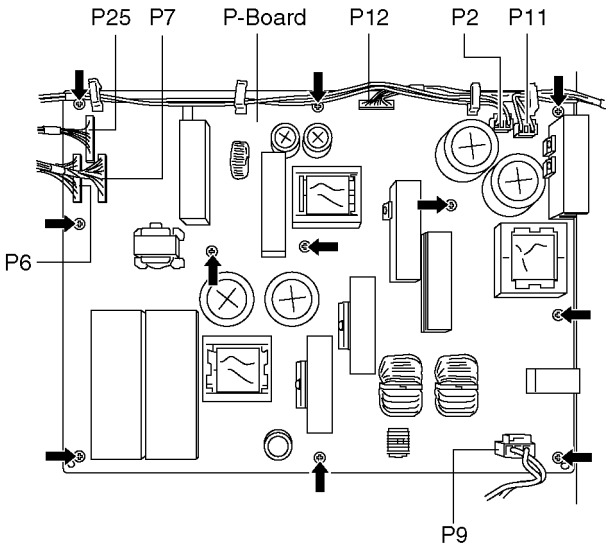


7.3. Remove the P-Board

Caution:

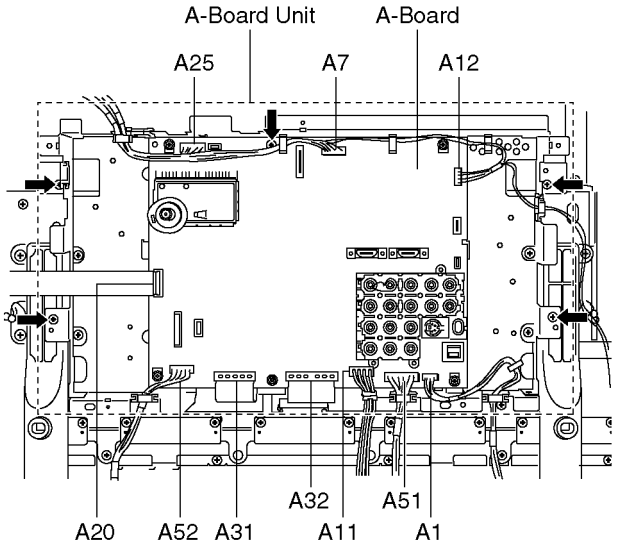
To remove P.C.B. wait 1 minute after power was off for discharge from electrolysis capacitors.

1. Unlock the cable clampers to free the cable.
2. Disconnect the connectors (P2, P6, P7, P9, P11, P12 and P25).
3. Remove the screws (×11 ➡) and remove the P-Board.



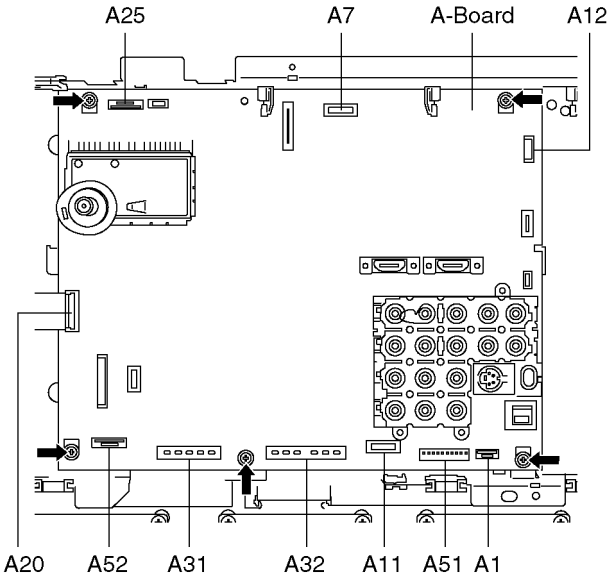
7.4. Remove the A-Board unit

1. Unlock the cable clampers to free the cable.
2. Disconnect the connectors (A1, A7, A11, A12, A25, A51 and A52).
3. Disconnect the flexible cables (A20, A31 and A32).
4. Remove the screws (×5 ➡) and remove the A-Board unit.



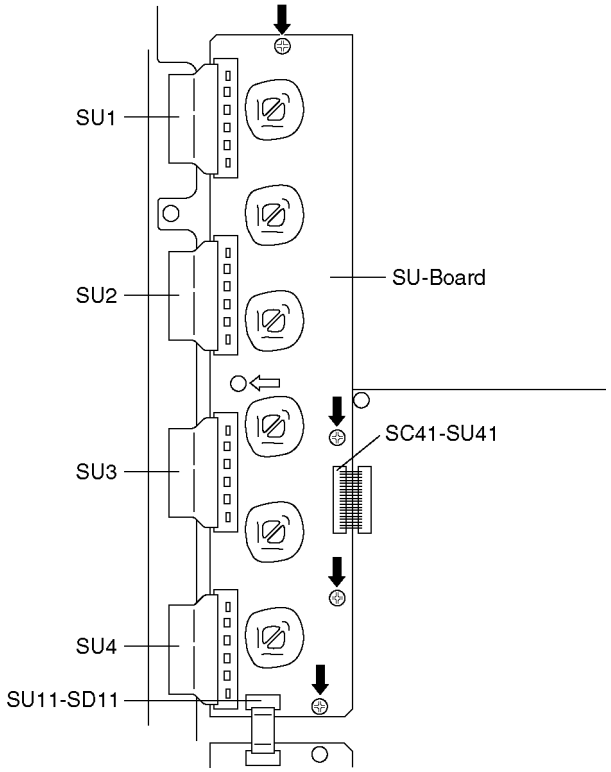
7.5. Remove the A-Board

1. Remove the A-Board unit. (See section 7.4.)
2. Remove the screws (×5 ➡) and remove the A-Board.



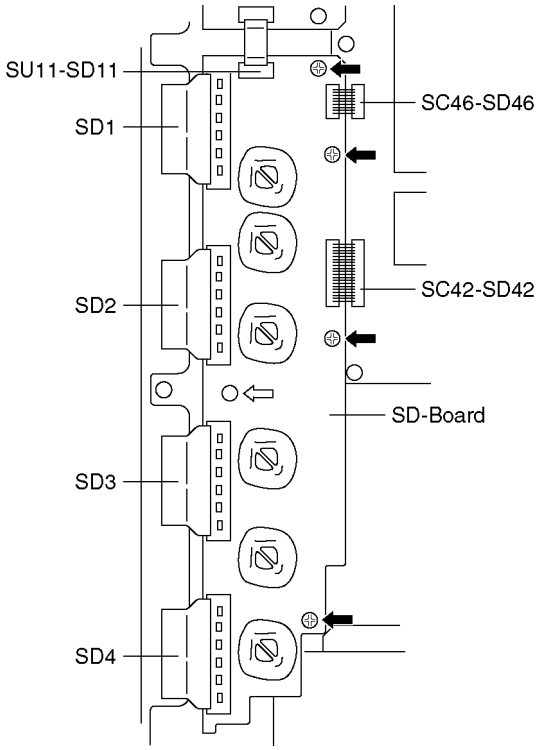
7.6. Remove the SU-Board

1. Remove the flexible cables (SU1, SU2, SU3 and SU4) connected to the SU-Board.
2. Remove the flexible cable (SU11-SD11) and the bridge connector (SC41-SU41).
3. Remove the molding prop (×1 ⇨).
4. Remove the screws (×4 ➡) and remove the SU-Board.



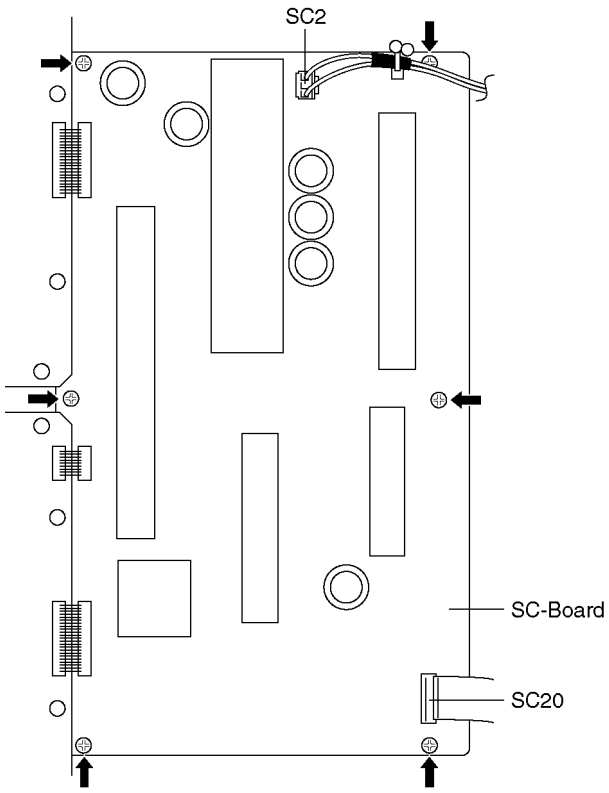
7.7. Remove the SD-Board

1. Remove the flexible cables (SD1, SD2, SD3 and SD4) connected to the SD-Board.
2. Remove the flexible cable (SU11-SD11) and the bridge connectors (SC42-SD42 and SC46-SD46).
3. Remove the molding prop (×1 ⇨).
4. Remove the screws (×4 ➡) and remove the SD-Board.



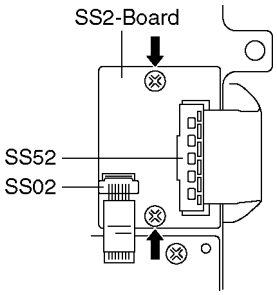
7.8. Remove the SC-Board

1. Remove the SU-Board and SD-Board. (See section 7.6. and 7.7.)
2. Unlock the cable clampers to free the cable.
3. Disconnect the connector (SC2).
4. Disconnect the flexible cable (SC20).
5. Remove the screws (×6 ➡) and remove the SC-Board.



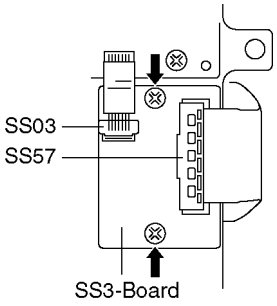
7.9. Remove the SS2-Board

1. Disconnect the connector (SS02) and disconnect the flexible cable (SS52).
2. Remove the screws (×2 ➡) and remove the SS2-Board.



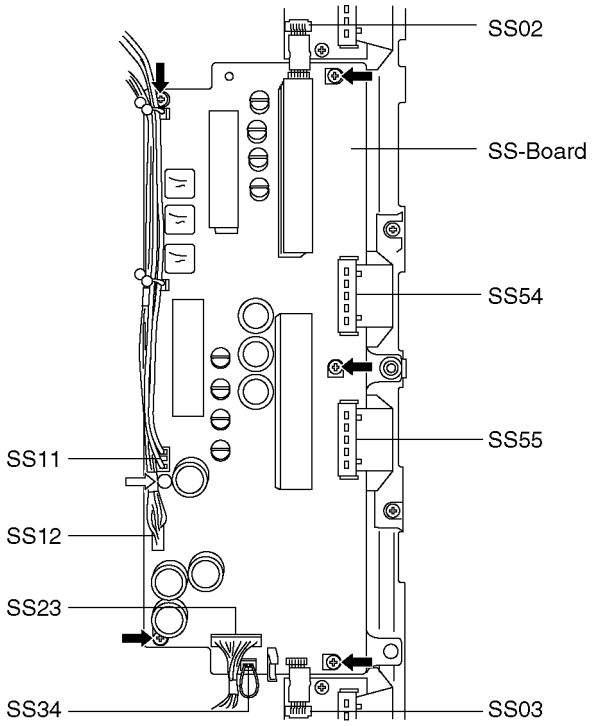
7.10. Remove the SS3-Board

1. Disconnect the connector (SS03) and disconnect the flexible cable (SS57).
2. Remove the screws (×2 ➡) and remove the SS3-Board.



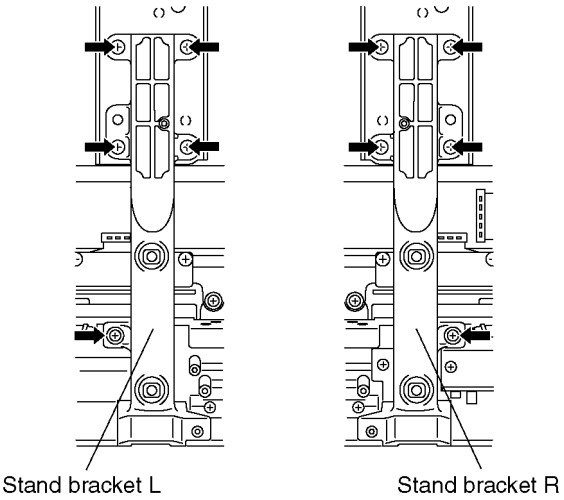
7.11. Remove the SS-Board

1. Unlock the cable clampers to free the cable.
2. Disconnect the connectors (SS02 and SS03).
3. Disconnect the connectors (SS11, SS12 and SS23).
4. Remove a short-jumper connector SS34 and re-use for new SS-Board.
5. Disconnect the flexible cables (SS54 and SS55).
6. Remove the molding prop (×1 ⇨).
7. Remove the screws (×5 ➡) and remove the SS-Board.



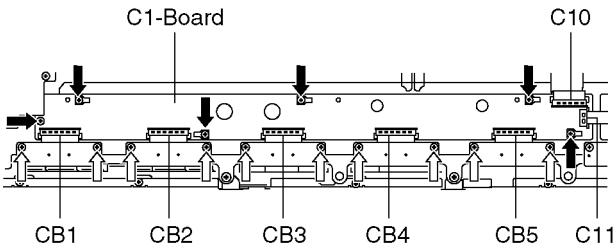
7.12. Remove the Stand brackets

1. Remove the Plasma panel section from the servicing stand and lay on a fiat surface such as a table (covered) with the Plasma panel surface facing downward.
2. Remove the Stand brackets (L, R) fastening screws (×5 ➡ each) and remove the Stand brackets (L, R).



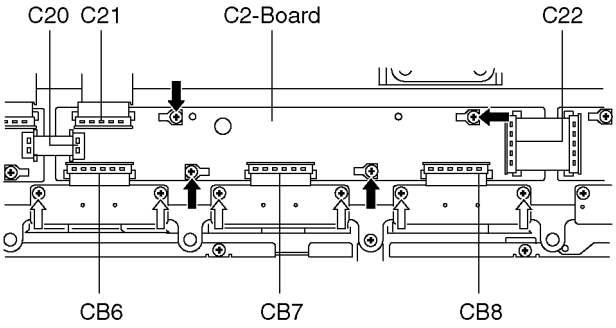
7.13. Remove the C1-Board

1. Remove the A-Board unit. (See section 7.4.)
2. Remove the Stand bracket L. (See section 7.12.)
3. Remove the flexible cables holder fastening screws (×10 ⇨).
4. Disconnect the flexible cables (CB1, CB2, CB3, CB4 and CB5).
5. Disconnect the flexible cables (C10 and C11).
6. Remove the screws (×6 ➡) and remove the C1-Board.



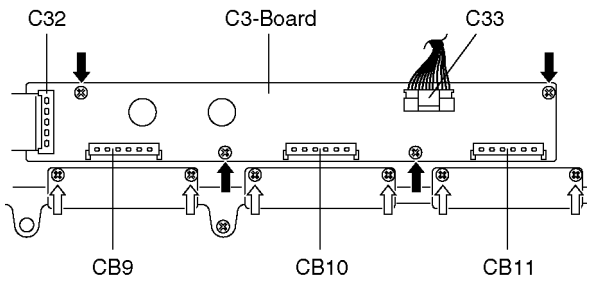
7.14. Remove the C2-Board

1. Remove the A-Board unit. (See section 7.4.)
2. Remove the stand bracket R. (See section 7.12.)
3. Remove the flexible cables holder fastening screws (×6 ⇨).
4. Disconnect the flexible cables (CB6, CB7 and CB8).
5. Disconnect the flexible cables (C20 and C21).
6. Disconnect the connector (C22).
7. Remove the screws (×4 ➡) and remove the C2-Board.



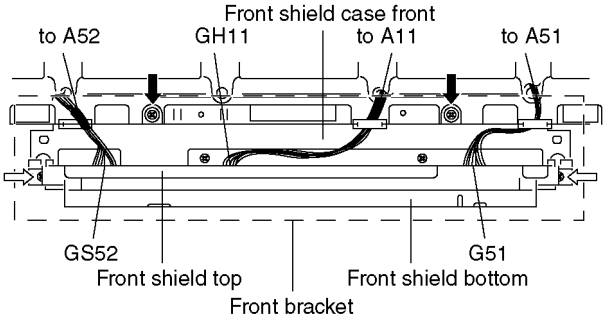
7.15. Remove the C3-Board

1. Remove the A-Board unit. (See section 7.4.)
2. Remove the flexible cables holder fastening screws (×6 ⇨).
3. Disconnect the flexible cables (CB9, CB10 and CB11).
4. Disconnect the flexible cable (C32).
5. Disconnect the connector (C33).
6. Remove the screws (×4 ➡) and remove the C3-Board.



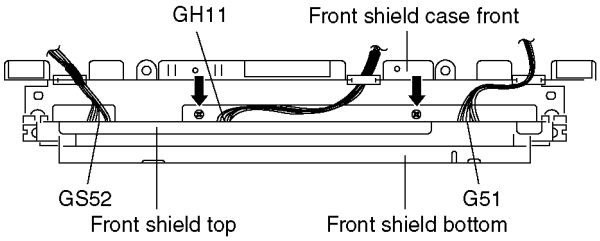
7.16. Remove the Front bracket

1. Unlock the cable clampers to free the cable.
2. Disconnect the connectors (A11, A51 and A52). (See section 7.4.)
3. Remove the screws (×2 ➡, ×2 ⇨) and remove the Front bracket.

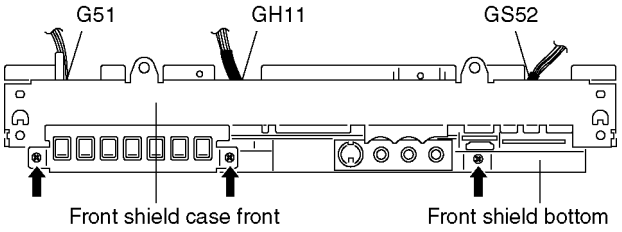


7.17. Remove the G-Board, GS-Board and GH-Board

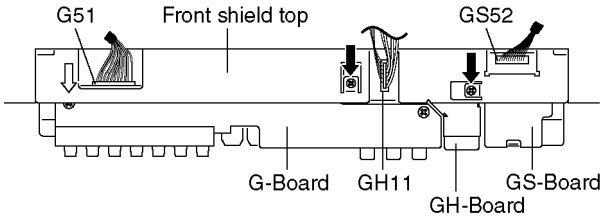
1. Remove the Front bracket. (See section 7.16.)
2. Remove the screws (×2 ➡).



3. Remove the screws (×3 ➡).
4. Remove the Front shield case front.

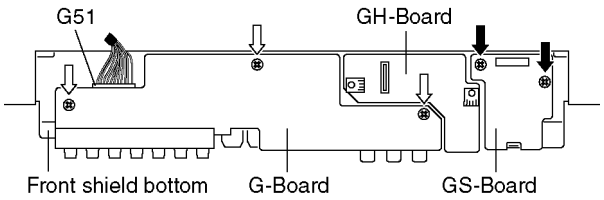


5. Disconnect the connectors (GH11 and GS52).
6. Remove the screws (×2 ➡).
7. Remove the Front shield top.



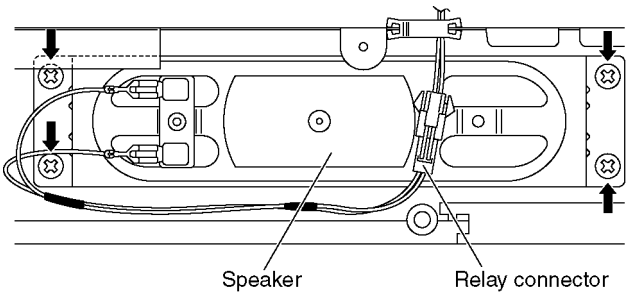
8. Remove the GH-Board.
9. Remove the screws (×2 ➡) and remove the GS-Board.
10. Remove the screws (×3 ⇨).

11. Disconnect the connector (G51) and remove the G-Board.



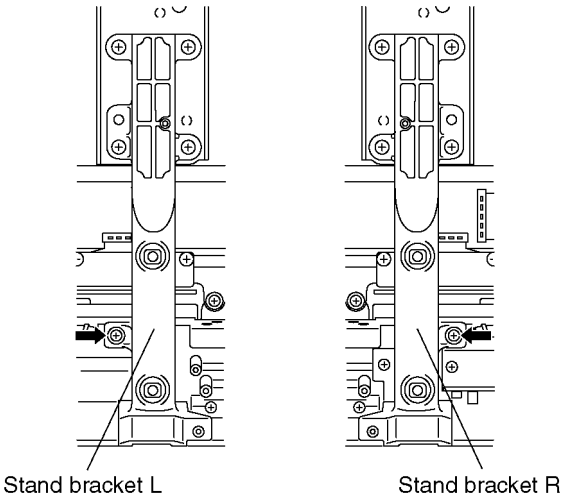
7.18. Remove the Speakers

1. Disconnect the relay connectors
2. Remove the screws (×4 ➡ each) and remove the Speaker (L, R).

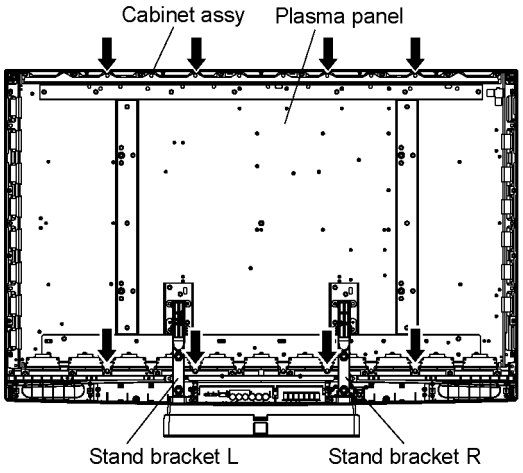


7.19. Remove the Plasma panel section from the Cabinet assy (glass)

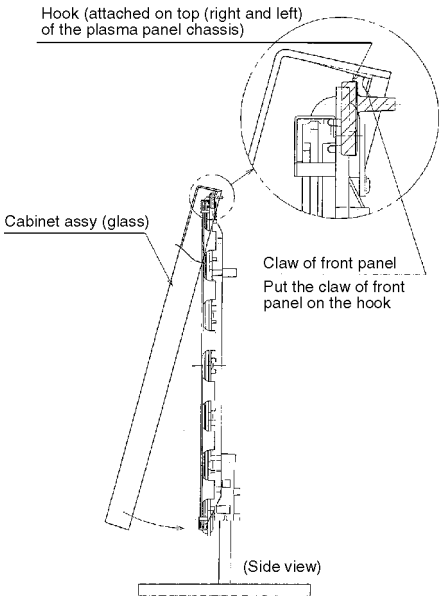
1. Remove the stand brackets (left, right) fastening screw (×1 ➡ each).



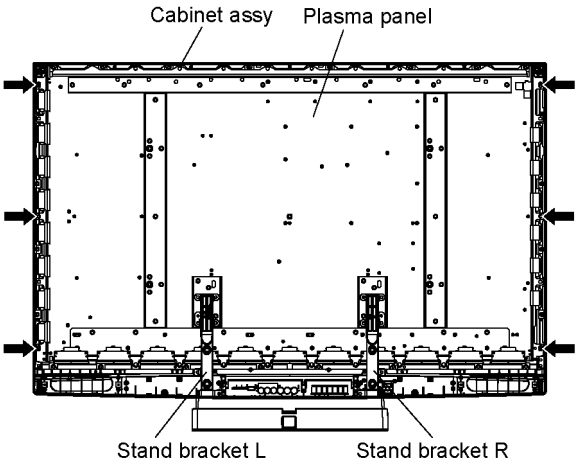
2. Remove the cabinet assy and the plasma panel fastening screws (×8 ➡).

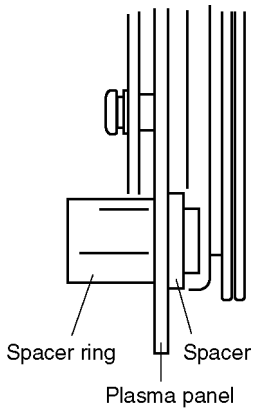


3. For leaving the plasma panel from the front frame, pull the bottom of the cabinet assy forward, lift, and remove.


Hook (attached on top (right and left) of the plasma panel chassis)
Cabinet assy (glass)
Claw of front panel
Put the claw of front panel on the hook
(Side view)

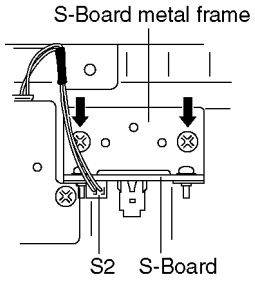
4. Remove the spacers and spacer rings (×6 ➡).



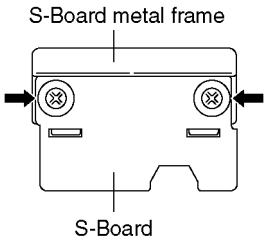


7.20. Remove the S-Board

1. Remove the Cabinet assy. (See section 7.19.)
2. Disconnect the connector (S2).
3. Remove the screws (×2 ➡) and remove the S-Board metal frame.

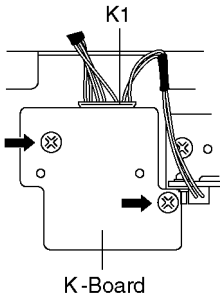


4. Remove the screws (×2 ➡) and remove the S-Board.



7.21. Remove the K-Board

1. Remove the Cabinet assy. (See section 7.19.)
2. Remove the S-Board. (See section 7.20.)
3. Remove the screws (×2 ➡).
4. Disconnect the connector (K1) and Remove the K-Board.



7.22. Remove the plasma panel (finished)

1. Place the new plasma panel (finished) on the flat surface of the table (covered by a soft cloth), with the plasma panel surface facing downward.
2. Attach the C1-Board, C2-Board and the C3-Board, connect the flexible cables (×11) from the plasma panel to the C1-Board, C2-Board and the C3-Board, and fit the flexible cable holders.
3. Attach the Hooks (left, right) and fit the stand brackets (L, R) to the new plasma panel.
4. Place the plasma panel section on the servicing stand.
5. Attach the cabinet assy and each P.C.Board and so on, to the new plasma panel.

   ***When fitting the cabinet assy, be careful not to allow any debris, dust or handling residue to remain between the front glass and plasma panel.**

8 Measurements and Adjustments

8.1. Adjustment Procedure

8.1.1. Driver Set-up

8.1.1.1. Item / Preparation

1. Input a white signal to plasma video input.
2. Set the picture controls as follows.
   Picture menu: Vivid
   Normal: Set
   Aspect: Full

Caution

1. First perform Vsus adjustment.
2. Confirmation of Vscn voltage should be performed after confirmation of Vad adjustment.
   When Vad=-149V, Voltage of Vscn is -4V ±4V.

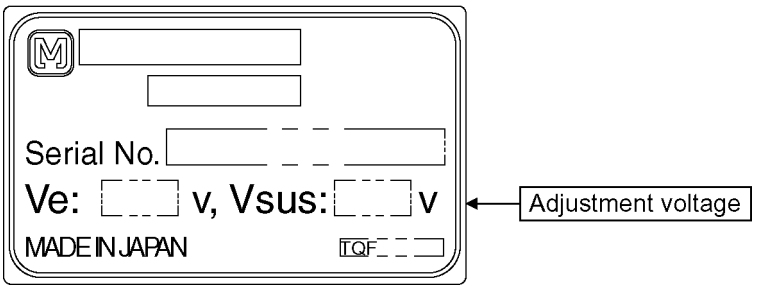
8.1.1.2. Adjustments

Adjust driver section voltages referring the panel data on the panel data label.
Check or adjust the following voltages with the multimeter.

Name	Test Point	Voltage	Volume	Remarks
Vsus	TPVSUS (SS)	Vsus ± 2V	VR561 (P)	*
Ve	TPVE (SS)	Ve ± 1V	VR16000 (SS)	*
Vset	TPVSET (SC)	320V ± 7V	Fixed	
Vad	TPVAD (SC)	-149V ± 1V	VR16600 (SC)	
Vscn	TPVSCN (SC)	Vad+145V ± 4V	Fixed	
Vda	TPVDA (SS)	75V + 1V, -2V	Fixed	

*See the Panel label.

Panel Label information

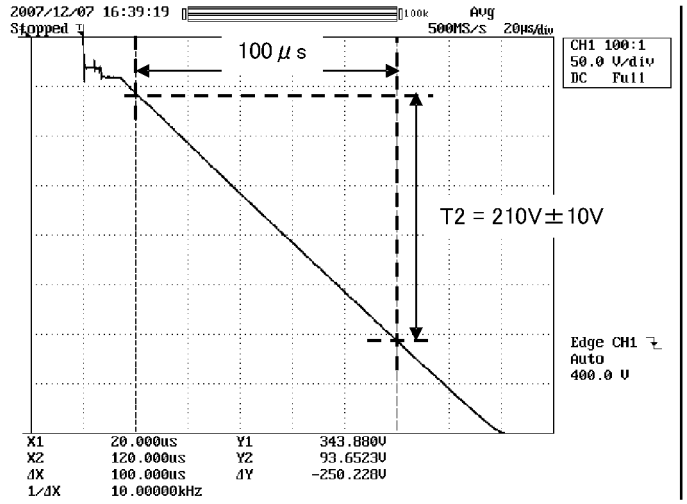


8.1.2. Initialization Pulse Adjust

1. Input the White signal to plasma video input.
2. Set the picture controls as follows.
   Picture menu : Vivid
   Normal : Set
   Aspect : Full
3. Connect Oscilloscope to TPSC1 (SC).
   Check the voltage (T2) at 100μs period on the down slop.

	Test point	Volume	Level
T2	TPSC1 (SC)	VR16602 (SC)	210 V ± 10 V

TPSC1



8.1.3. P.C.B. (Printed Circuit Board) exchange

8.1.3.1. Caution

1. To remove P.C.B. , wait 1 minute after power was off for discharge from electrolysis capacitors.

8.1.3.2. Quick adjustment after P.C.B. exchange

Adjust the following voltages with the multimeter.

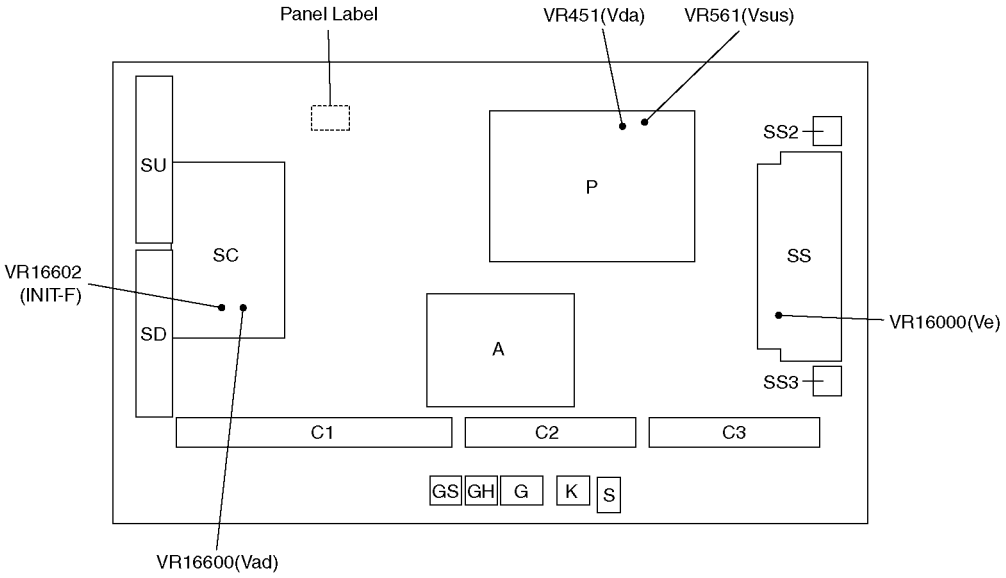
P.C.B.	Name	Test Point	Voltage	Volume	Remarks
P Board	Vsus	TPVSUS (SS)	Vsus ± 2V	VR561 (P)	*
SC Board	Vad	TPVAD (SC)	-149V ± 1V	VR16600 (SC)	
SS Board	Ve	TPVE (SS)	Ve ± 1V	VR16000 (SS)	*
A Board	White balance and Sub brightness for NTSC, PAL, HD, PC and 625i signals				

*See the Panel label.

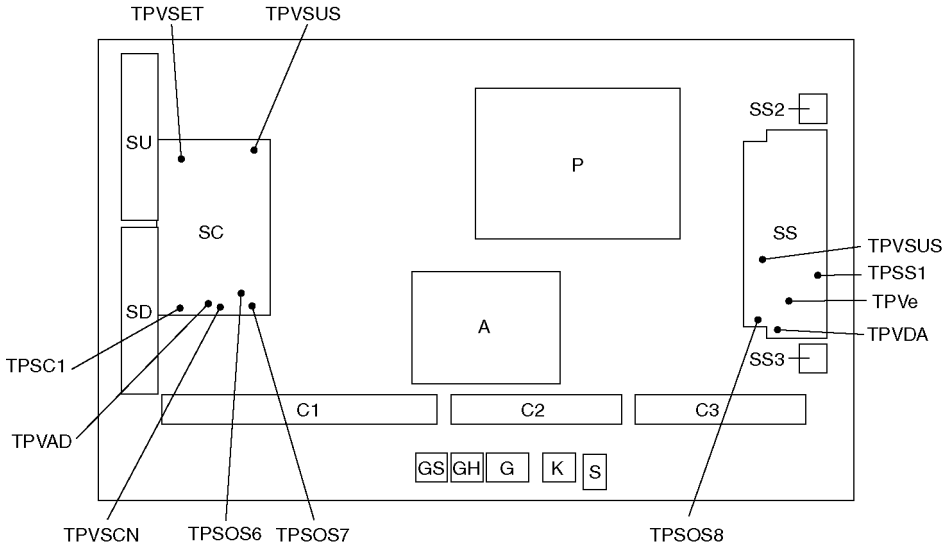
Caution:

Absolutely do not reduce Vsus below Ve not to damage the P.C.B.

8.1.4. Adjustment Volume Location



8.1.5. Test Point Location



8.2. Adjustment

8.2.1. White balance adjustment

Name of measuring instrument	Connection	Remarks
• W/B pattern • Color analyzer (Minolta CA-100 or equivalent)	Component input Panel surface	

Procedure	Remarks
• Ensure aging is adequate. • Make sure the front panel to be used on the final set is fitted. • Make sure a color signal is not being shown before adjustment. • Put the color analyzer where there is little color variation. 1. Output a white balance pattern. 2. Check that the color temperature is “Cool”. 3. Set to serviceman mode, WB-ADJ. 4. Set “R-CUT” “G-CUT” “B-CUT” the values written in table 1. 5. Attach the sensor of color analyzer to the center of highlight window. 6. Fix G drive at C0h and adjust “B-DRV” and “R-DRV” so x, y value of color analyzer become the “Color temperature High” in table 2. 7. Increase RGB together so the maximum drive value in RGB becomes FC. That is, set “ALL DRIVE” to FC. Execute adjustment again. When that, the maximum value of R/G/B DRV should be FC, and either R/G/B DRV should be FC. 8. Set color temperature to “Normal”. 9. Set “R-CUT” “G-CUT” “B-CUT” the values written in table 1. 10. Attach the sensor of color analyzer to the center of highlight window. 11. Fix G drive at C0h and adjust “B-DRV” and “R-DRV” so x, y value of color analyzer become the “Color temperature Mid” in table 2. 12. Increase RGB together so the maximum drive value in RGB becomes FC. That is, set “ALL DRIVE” to FC. Execute adjustment again. When that, the maximum value of R/G/B DRV should be FC, and either R/G/B DRV should be FC. 13. Set color temperature to “Warm”. 14. Set “R-CUT” “G-CUT” “B-CUT” the values written in table 1. 15. Attach the sensor of color analyzer to the center of highlight window. 16. Fix G drive at C0h and adjust “B-DRV” and “R-DRV” so x, y value of color analyzer become the “Color temperature Low” in table 2. 17. Increase RGB together so the maximum drive value in RGB becomes FC. That is, set “ALL DRIVE” to FC. Execute adjustment again. When that, the maximum value of R/G/B DRV should be FC, and either R/G/B DRV should be FC. 18. Set color temperature to “Cool”. [adjustment of “Normal” “Warm” by data shift from “Cool” adjust.] For “Normal” “Warm” adjustment, set values that the adjusted value of “Cool” plus the figures wrote below. Normal : R-DRV : 0h G-DRV : 3h B-DRV : -1Ch Warm : R-DRV : 0h G-DRV : -2h B-DRV : -52h 19. Copy values adjusted by HD pattern to the NTSC data area of EEPROM.	

Table 1: R-CUT,G-CUT,B-CUT setting data

Color temperature	R-CUT	G-CUT	B-CUT
High(Cool)	80	80	80
Mid	80	80	80
Low(Warm)	80	80	80

Table 2: W/B adjustment values

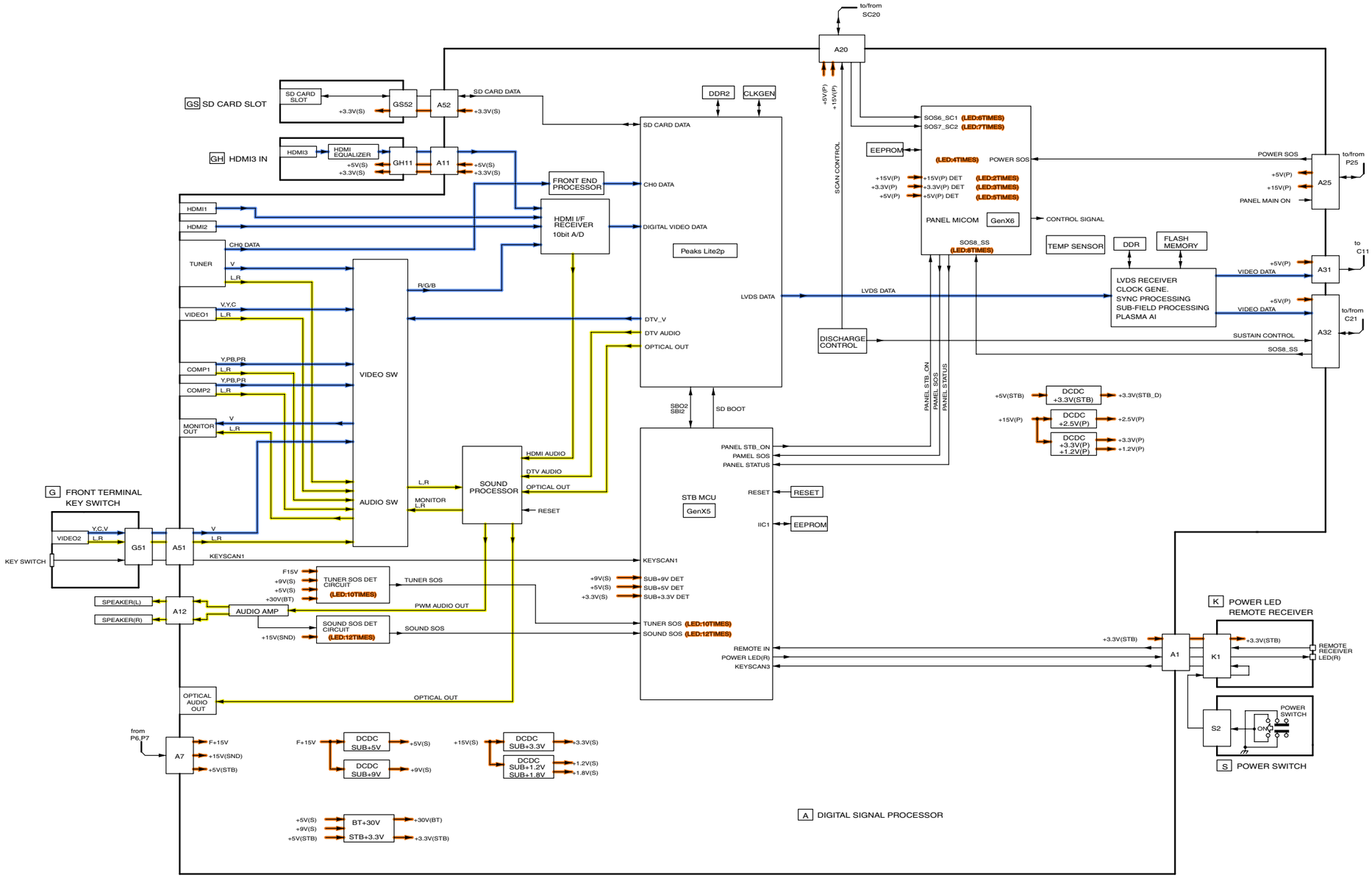
Color temperature	x	y
High(Cool)	0.276	0.280
Mid	0.288	0.303
Low(Warm)	0.306	0.327

Table 3: EEPROM data addresses

SD/ Color temperature High	R-CUTOFF G-CUTOFF B-CUTOFF R-DRIVE G-DRIVE B-DRIVE	022C 022D 022E 032F 0230 0231
SD/ Color temperature Mid	R-CUTOFF G-CUTOFF B-CUTOFF R-DRIVE G-DRIVE B-DRIVE	0232 0233 0234 0235 0236 0237
SD/ Color temperature Low	R-CUTOFF G-CUTOFF B-CUTOFF R-DRIVE G-DRIVE B-DRIVE	0238 0239 023A 023B 023C 023D
HD/ Color temperature High	R-CUTOFF G-CUTOFF B-CUTOFF R-DRIVE G-DRIVE B-DRIVE	023E 023F 0240 0241 0242 0243
HD/ Color temperature Mid	R-CUTOFF G-CUTOFF B-CUTOFF R-DRIVE G-DRIVE B-DRIVE	0244 0245 0246 0247 0248 0249
HD/ Color temperature Low	R-CUTOFF G-CUTOFF B-CUTOFF R-DRIVE G-DRIVE B-DRIVE	024A 024B 024C 024D 024E 024F

9 Block Diagram

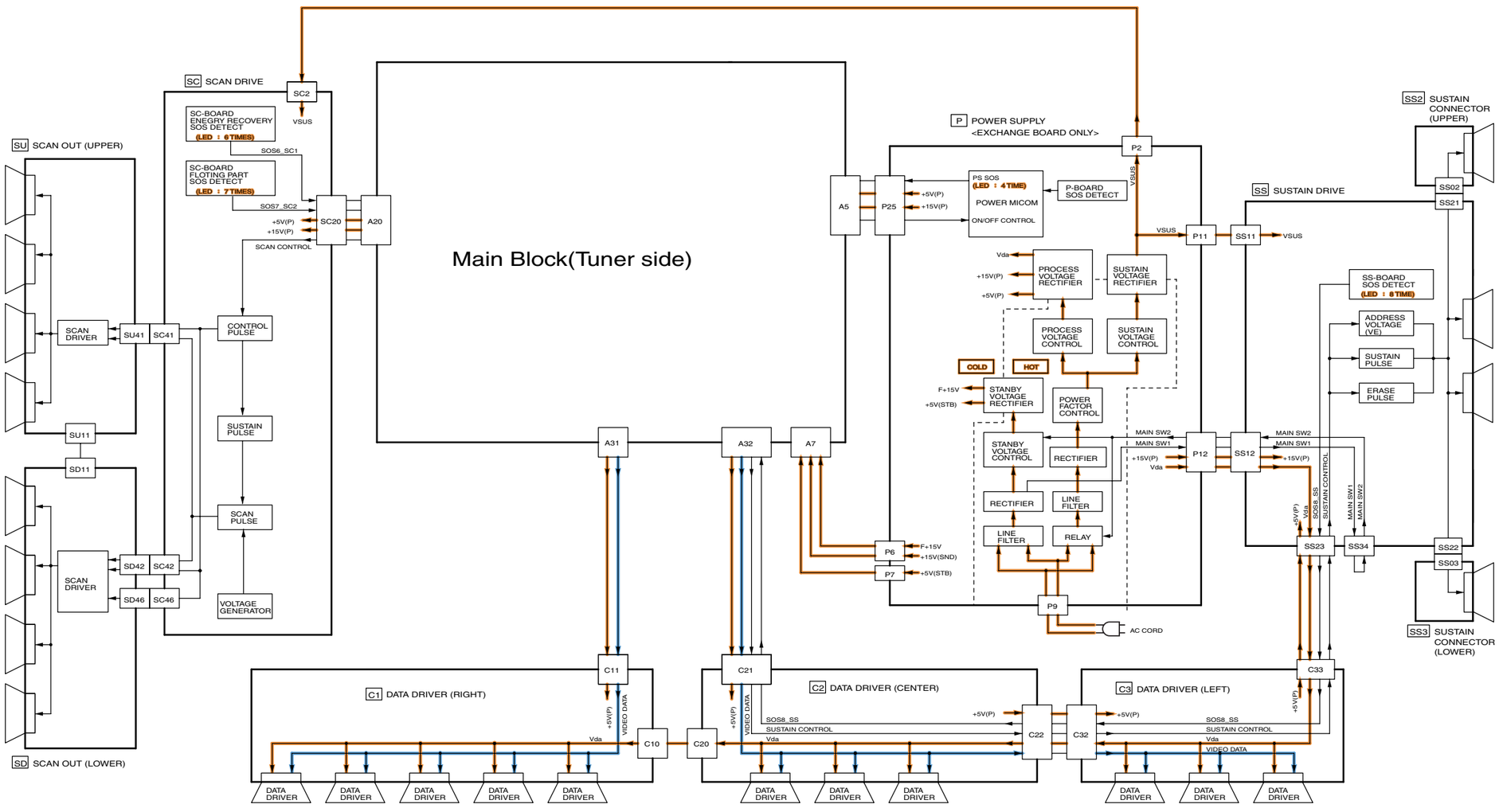
9.1. Block Diagram (1/5)



TH-50PX80U
Block Diagram (1/5)

TH-50PX80U
Block Diagram (1/5)

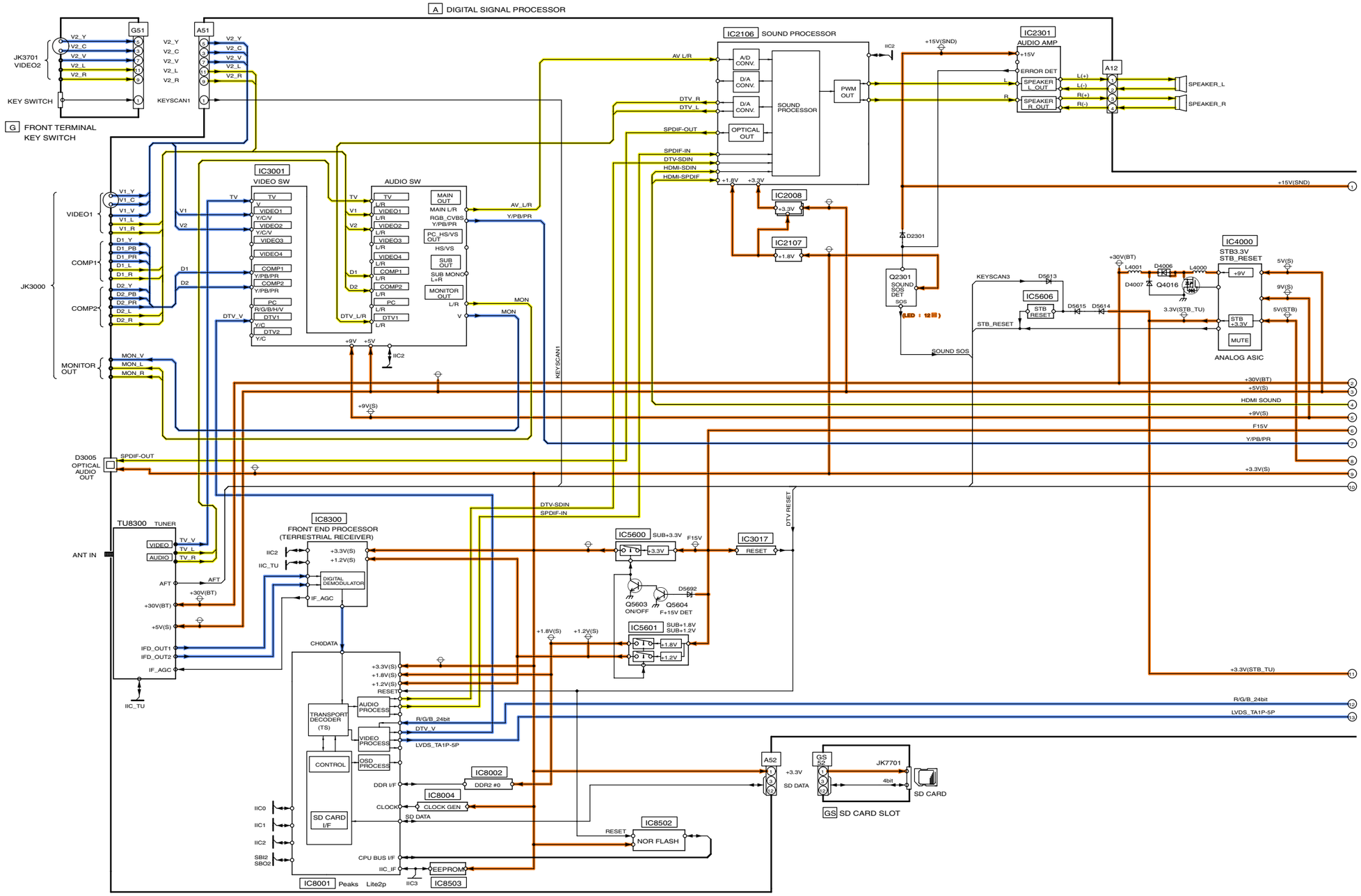
9.2. Block Diagram (2/5)



TH-50PX80U
Block Diagram (2/5)

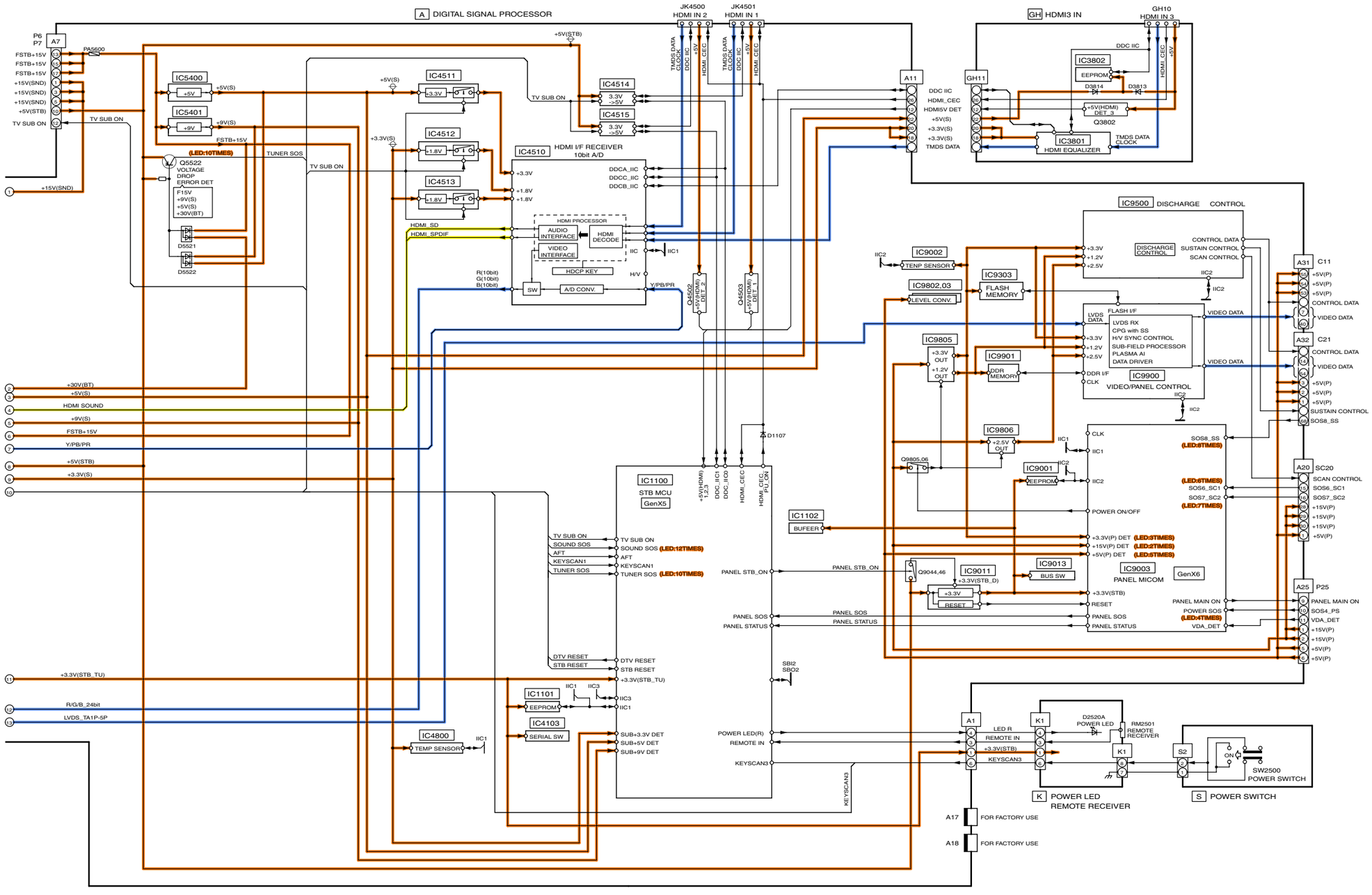
TH-50PX80U
Block Diagram (2/5)

9.3. Block Diagram (3/5)



TH-50PX80U
Block Diagram (3/5)

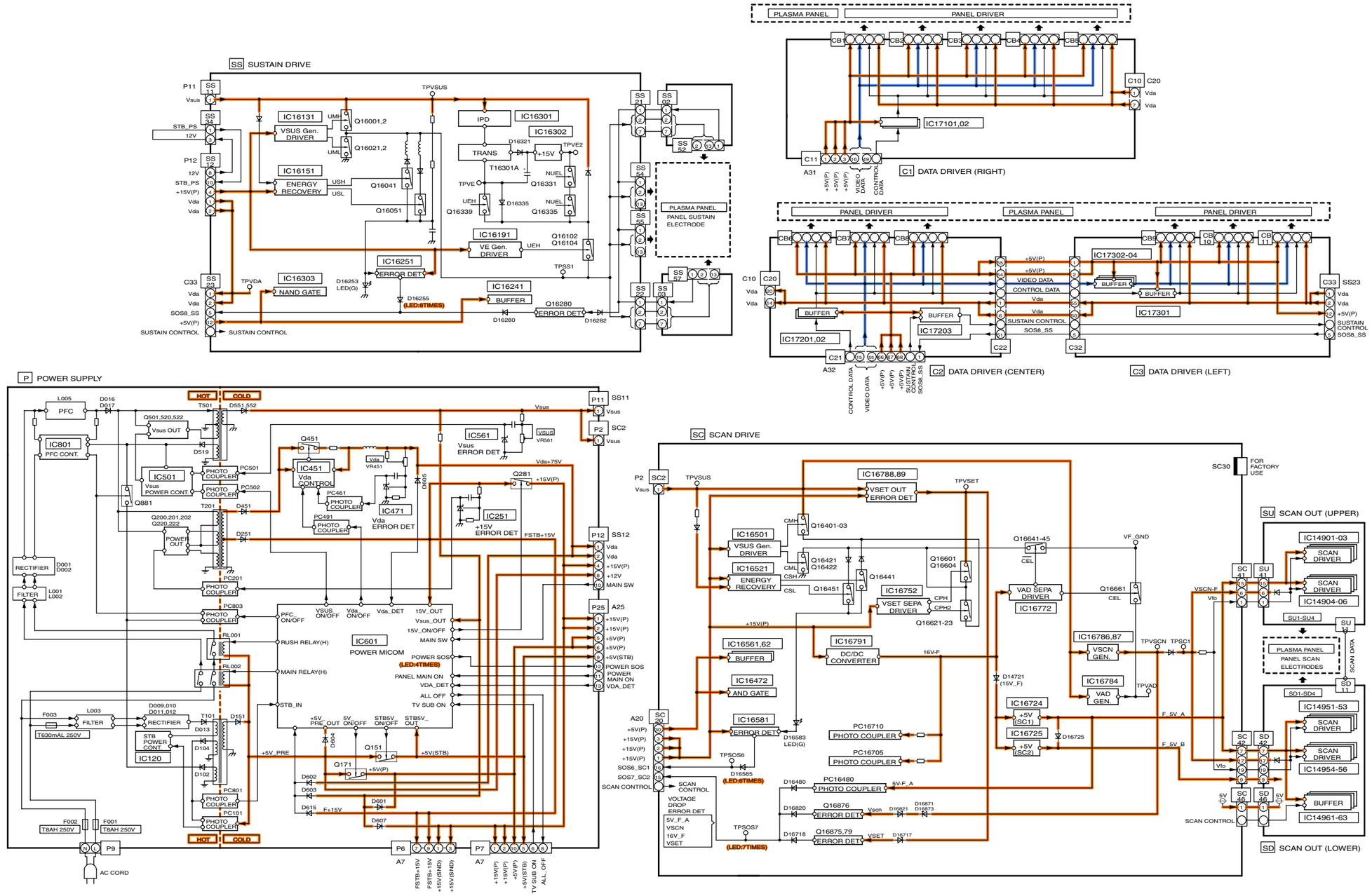
9.4. Block Diagram (4/5)



TH-50PX80U
Block Diagram (4/5)

TH-50PX80U
Block Diagram (4/5)

9.5. Block Diagram (5/5)



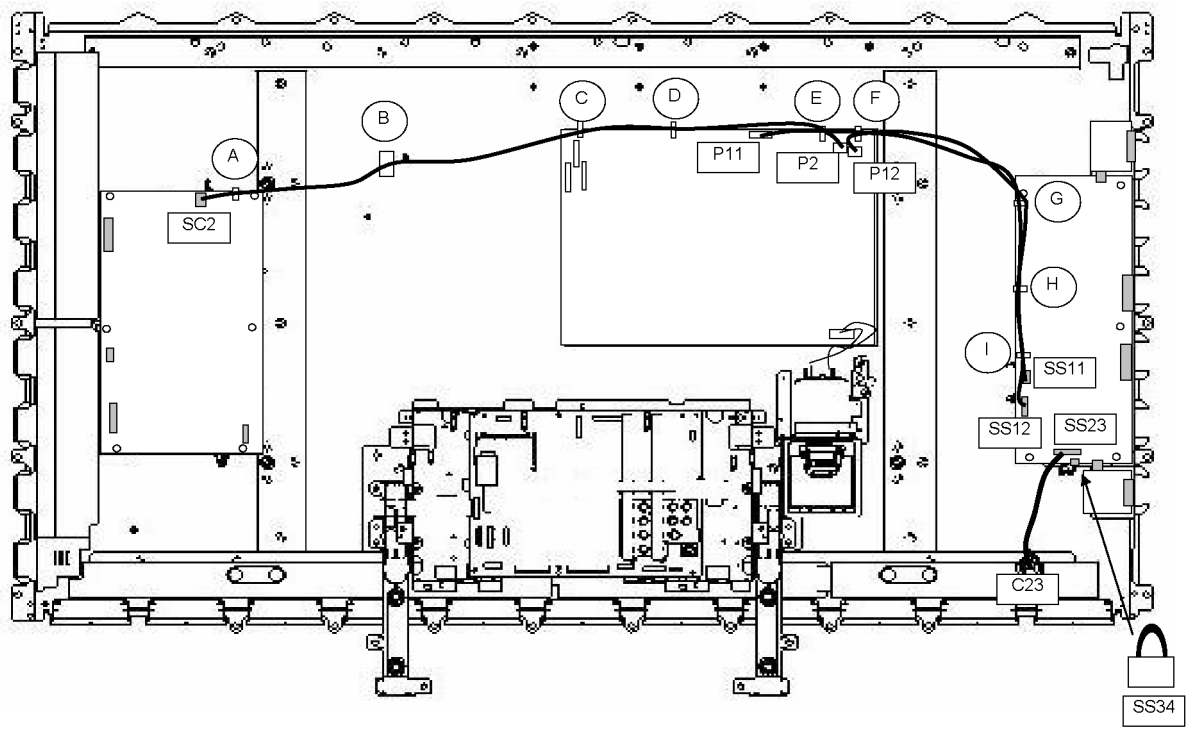
10 Wiring Connection Diagram

10.1. Caution statement.

Caution:

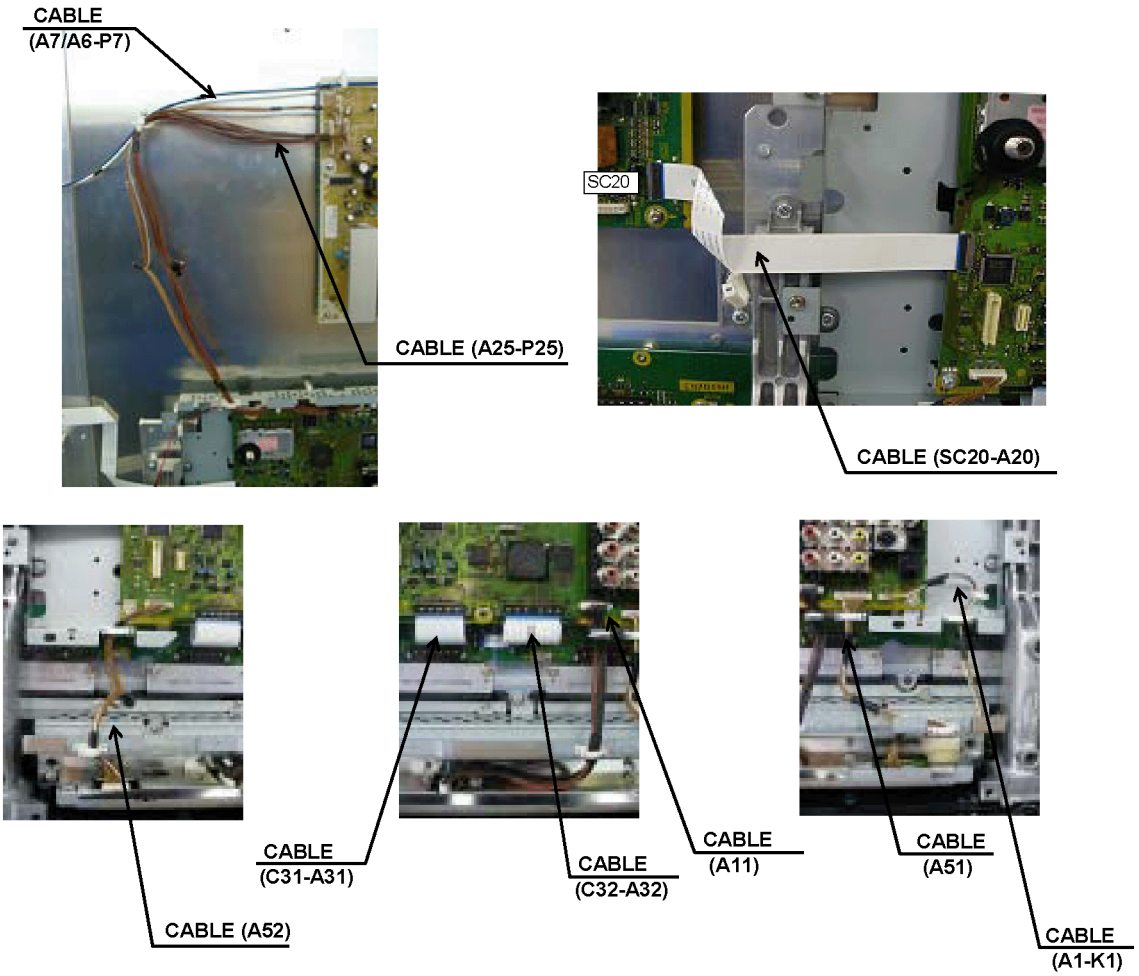
Please confirm that all flexible cables are assembled correctly.
Also make sure that they are locked in the connectors.
Verify by giving the flexible cables a very slight pull.

10.2. Wiring (1)



CABLE	A	B	C	D	E	F	G	H	I
SC2-P2	○	○	○	○	○				
P11-SS11					○	○	○	○	○
P12-SS12						○	○	○	○
SS23-C23									

10.3. Wiring (2)


CABLE
(A7/A6-P7)
CABLE (A25-P25)
SC20
CABLE (SC20-A20)
CABLE (A52)
CABLE
(C31-A31)
CABLE
(C32-A32)
CABLE
(A11)
CABLE
(A51)
CABLE
(A1-K1)
CABLE
(A12-SP_L)
CABLE
(A12-SP_R)

11 Schematic Diagram

11.1. Schematic Diagram Note

Important Safety Notice

Components identified by ⚠ mark have special characteristics important for safety.
When replacing any of these components, use only manufacture's specified parts.

Notes:

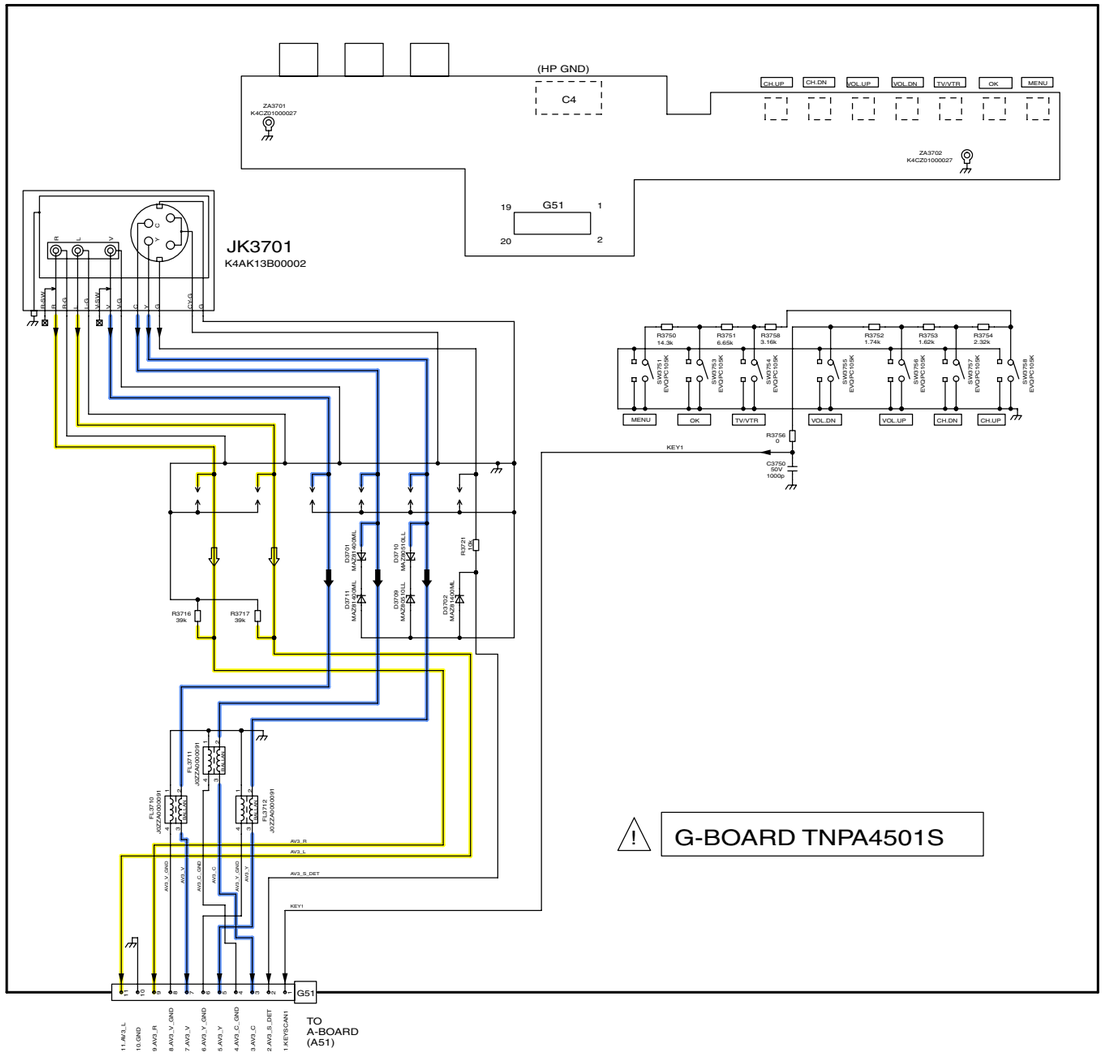
1. **Resistor**
   Unit of resistance is OHM [Ω] (K=1,000, M=1,000,000).
2. **Capacitor**
   Unit of capacitance is μF, unless otherwise noted.
3. Coil
   Unit of inductance is H, unless otherwise noted.
4. Test Point
   ⚲ : Test Point position
5. Earth Symbol
   ⏚ : Chassis Earth (Cold) ⏚ : Line Earth (Hot)
6. Voltage Measurement
   Voltage is measured by a DC voltmeter.
   Conditions of the measurement are the following:
   Power Source AC120V, 50/60Hz
   Receiving Signal ..... Colour Bar signal (RF)
   All customer's controls ..... Maximum positions
7. When arrow mark (↗) is found, connection is easily found from the direction of arrow.
8. Indicates the major signal flow. : Video ➡ Audio ⇨
9. This schematic diagram is the latest at the time of printing and subject to change without notice.

Remarks:

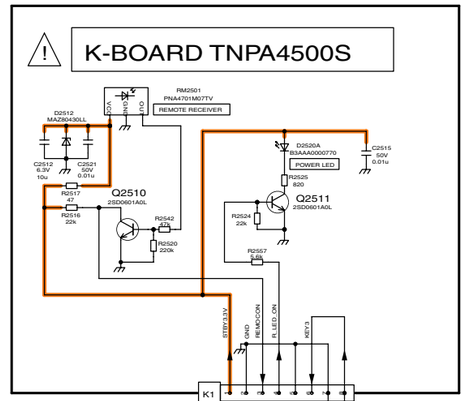
1. The Power Circuit contains a circuit area which uses a separate power supply to isolate the earth connection.
   The circuit is defined by HOT and COLD indications in the schematic diagram. Take the follwing precautions.
   All circuits, except the Power Circuit, are cold.
   Precautions
   a. Do not touch the hot part or the hot and cold parts at the same time or you may be shocked.
   b. Do not short- circuit the hot and cold circuits or a fuse may blow and parts may break.
   c. Do not connect an instrument, such as an oscilloscope, to the hot and cold circuits simultaneously or a fuse may blow.
   Connect the earth of instruments to the earth connection of the circuit being measured.
   d. Make sure to disconnect the power plug before removing the chassis.

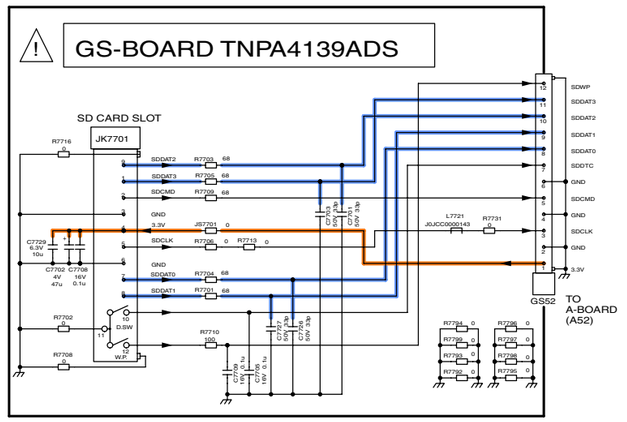
TH-50PX80U
Schematic Diagram Notes

11.2. G, GS, K and S-Board Schematic Diagram



G-BOARD TNPA4501S

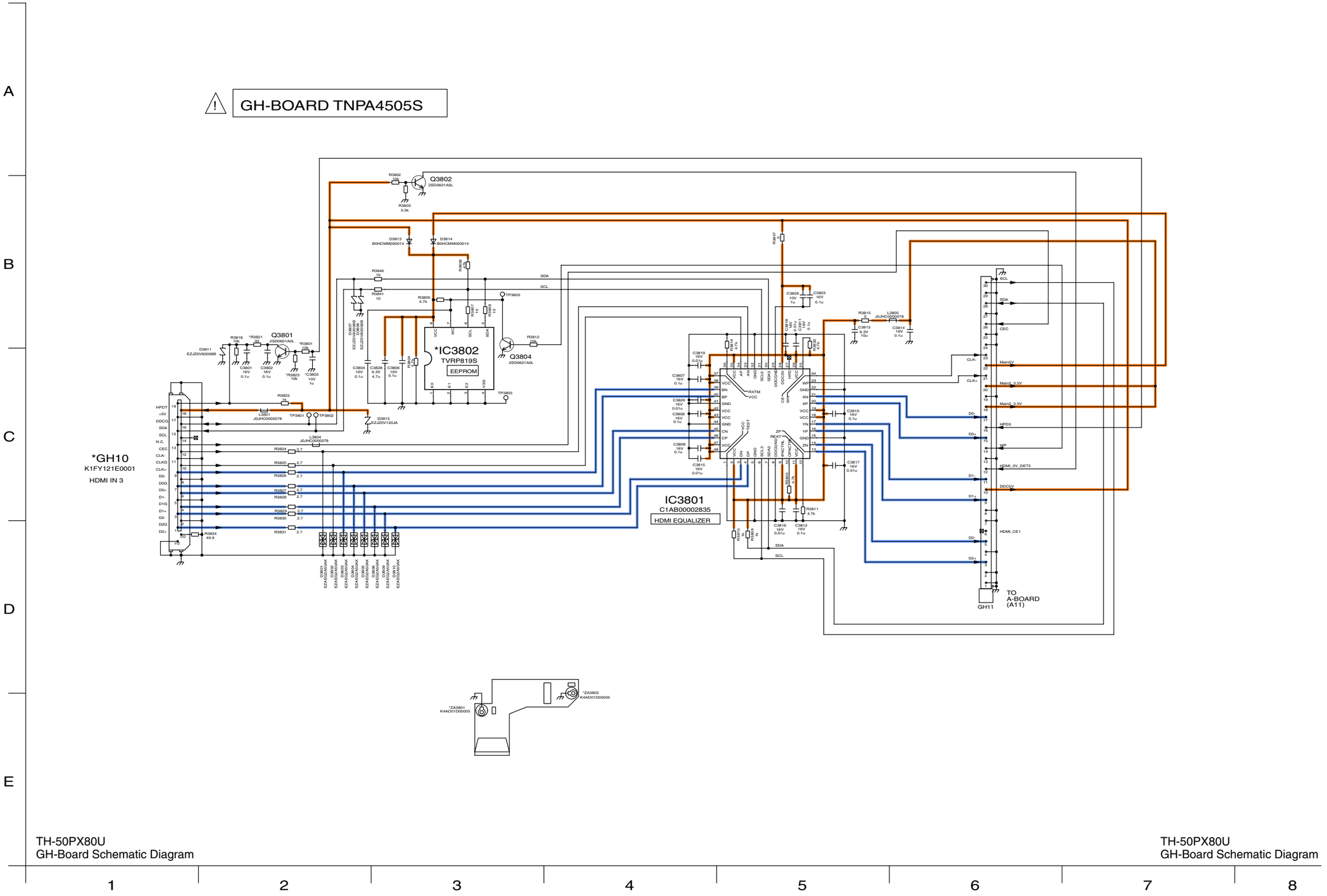




TH-50PX80U
G, GS, K, and S-Board Schematic Diagram

TH-50PX80U
G, GS, K, and S-Board Schematic Diagram

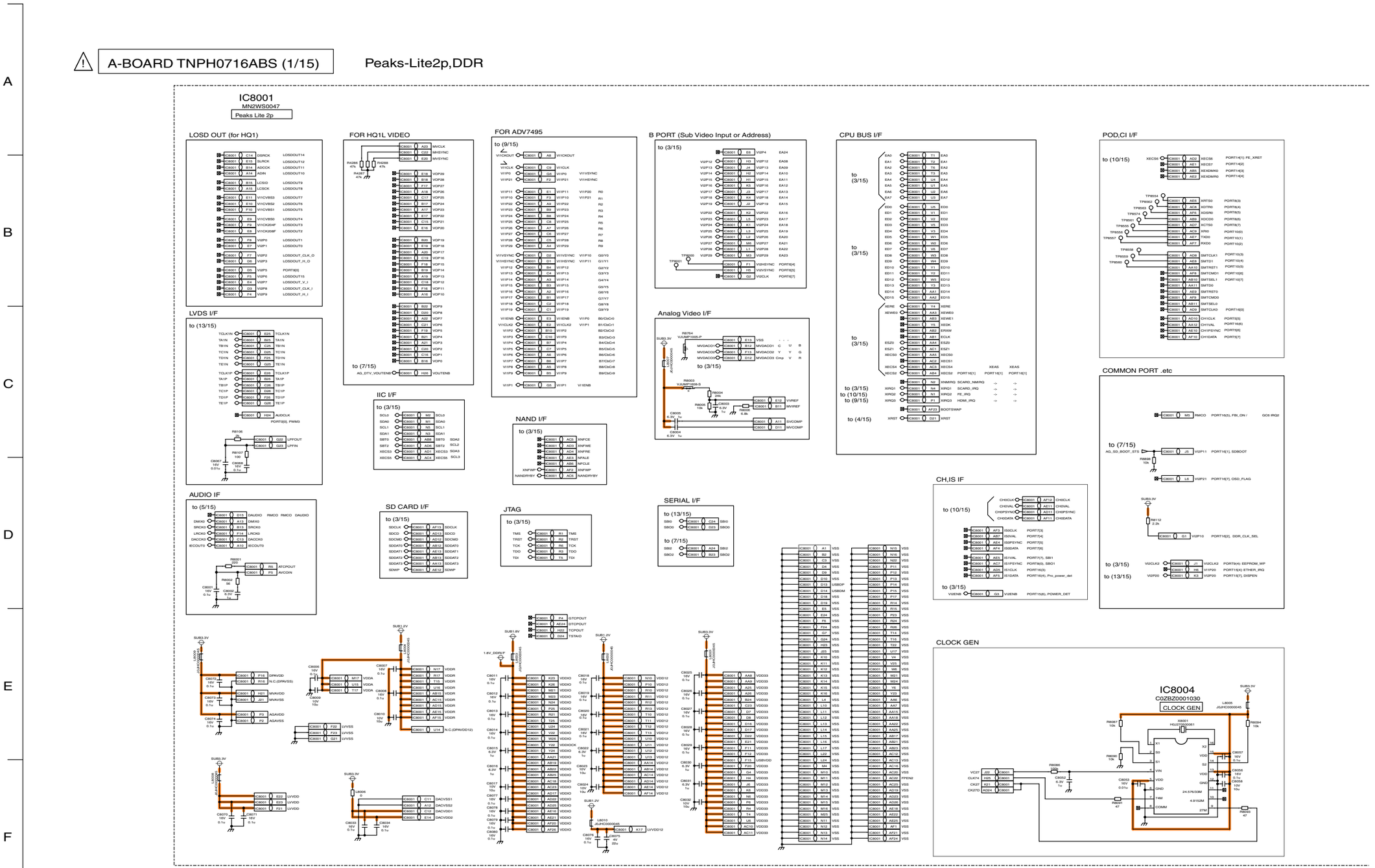
11.3. GH-Board Schematic Diagram



TH-50PX80U
GH-Board Schematic Diagram

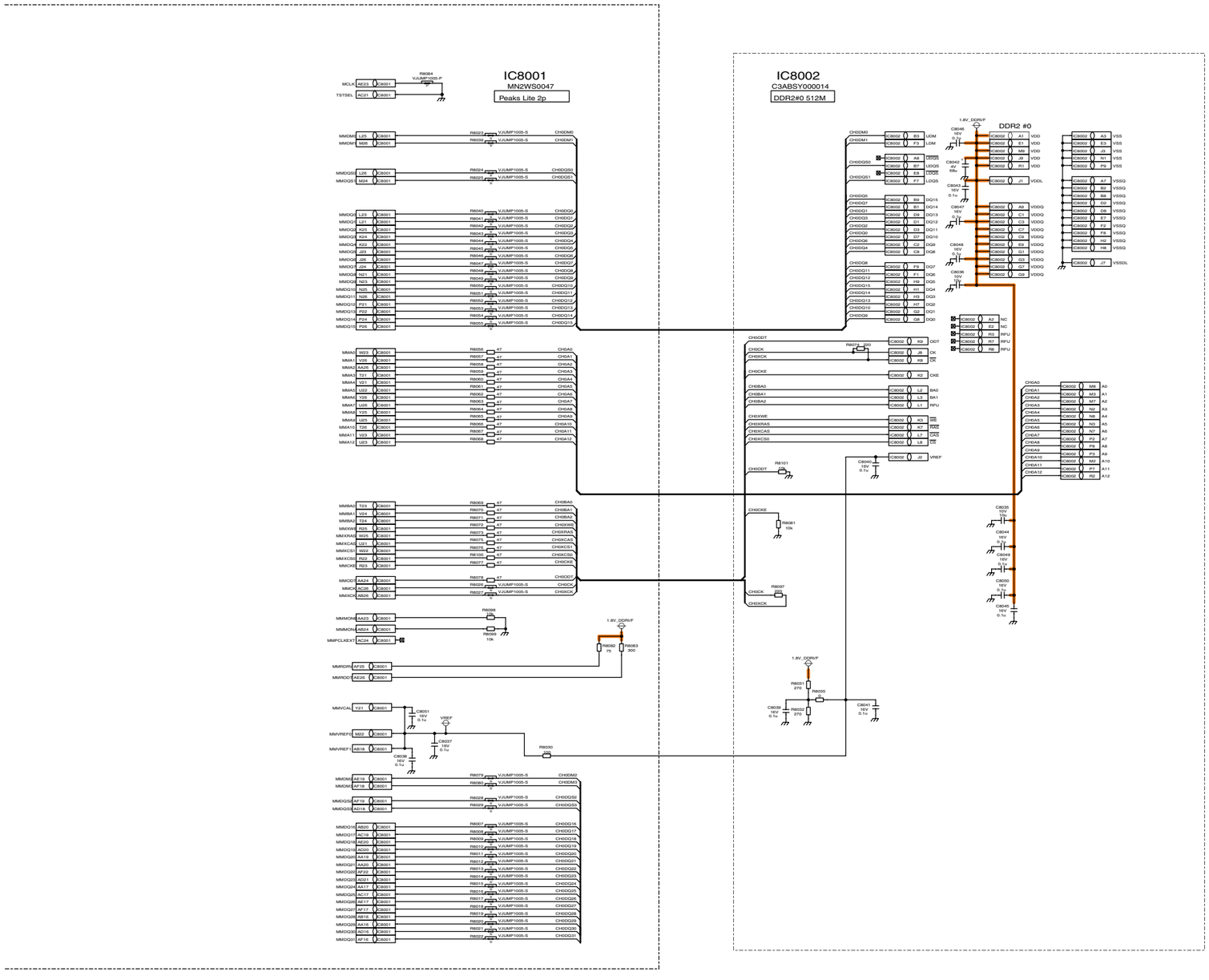
TH-50PX80U
GH-Board Schematic Diagram

11.4. A-Board (1/15) Schematic Diagram



11.5. A-Board (2/15) Schematic Diagram

A-BOARD TNPH0716ABS (2/15) Peaks-Lite2p,DDR

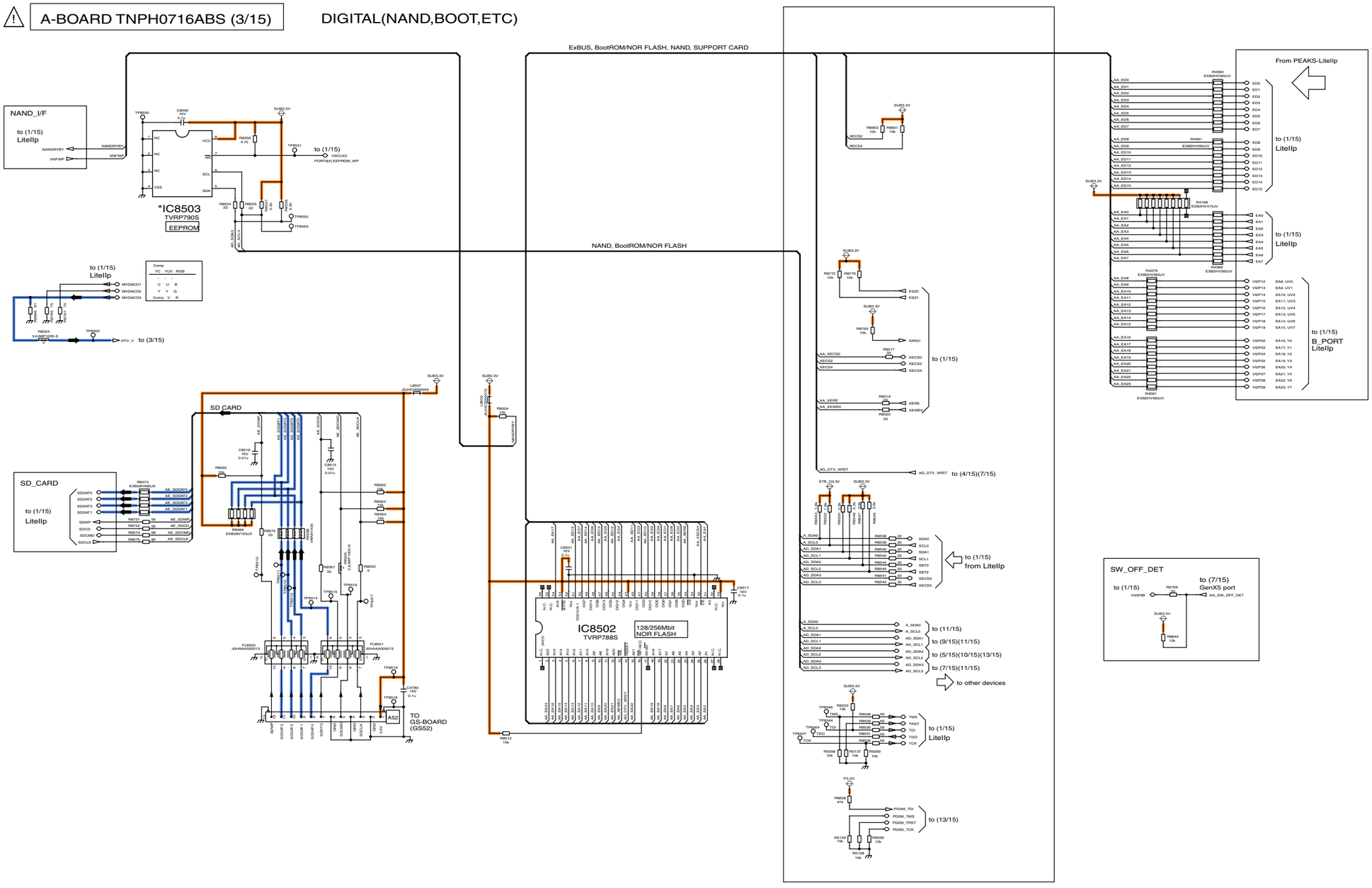


TH-50PX80U
A-Board (2/15) Schematic Diagram

TH-50PX80U
A-Board (2/15) Schematic Diagram

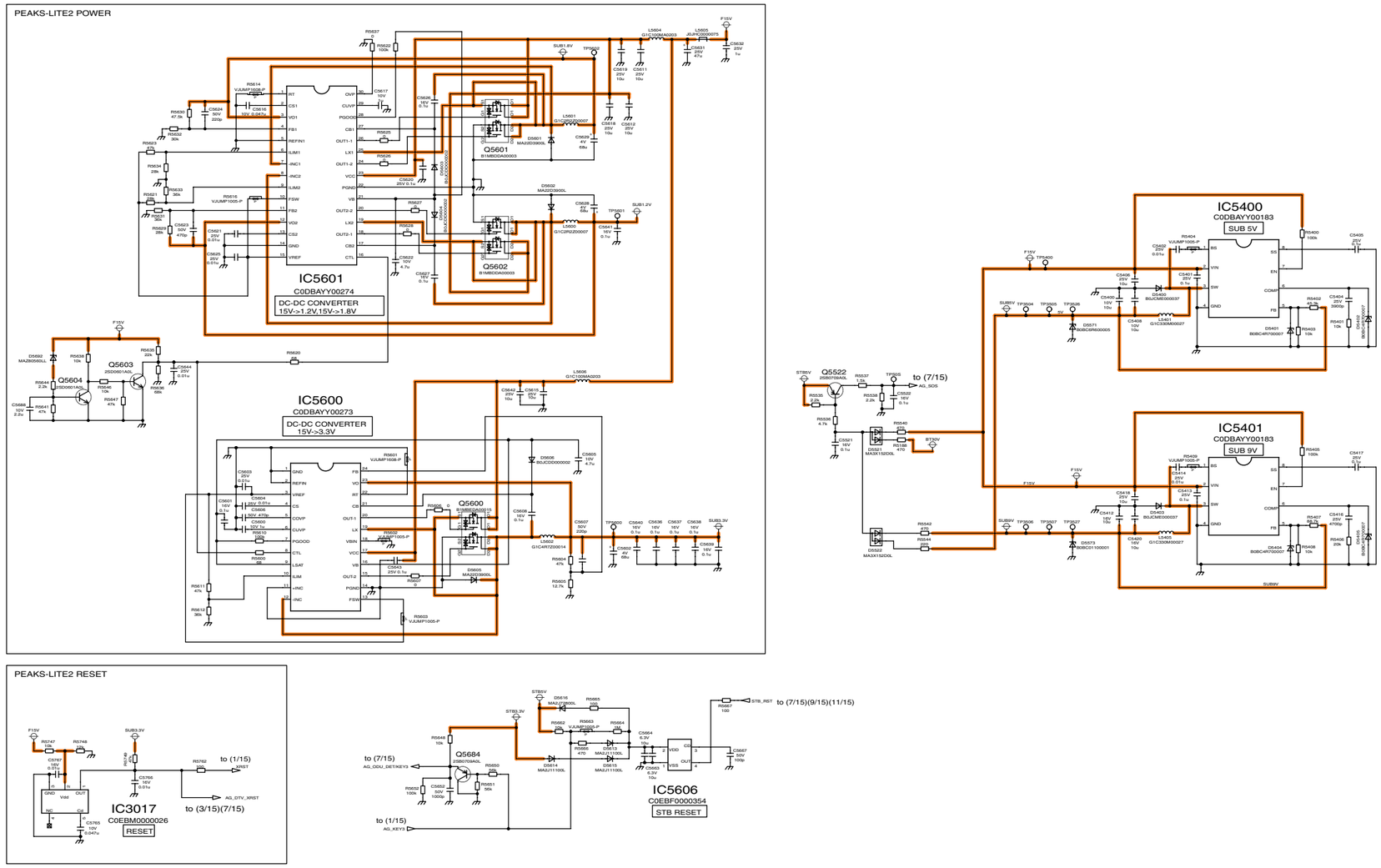
10 11 12 13 14 15 16 17 18

11.6. A-Board (3/15) Schematic Diagram



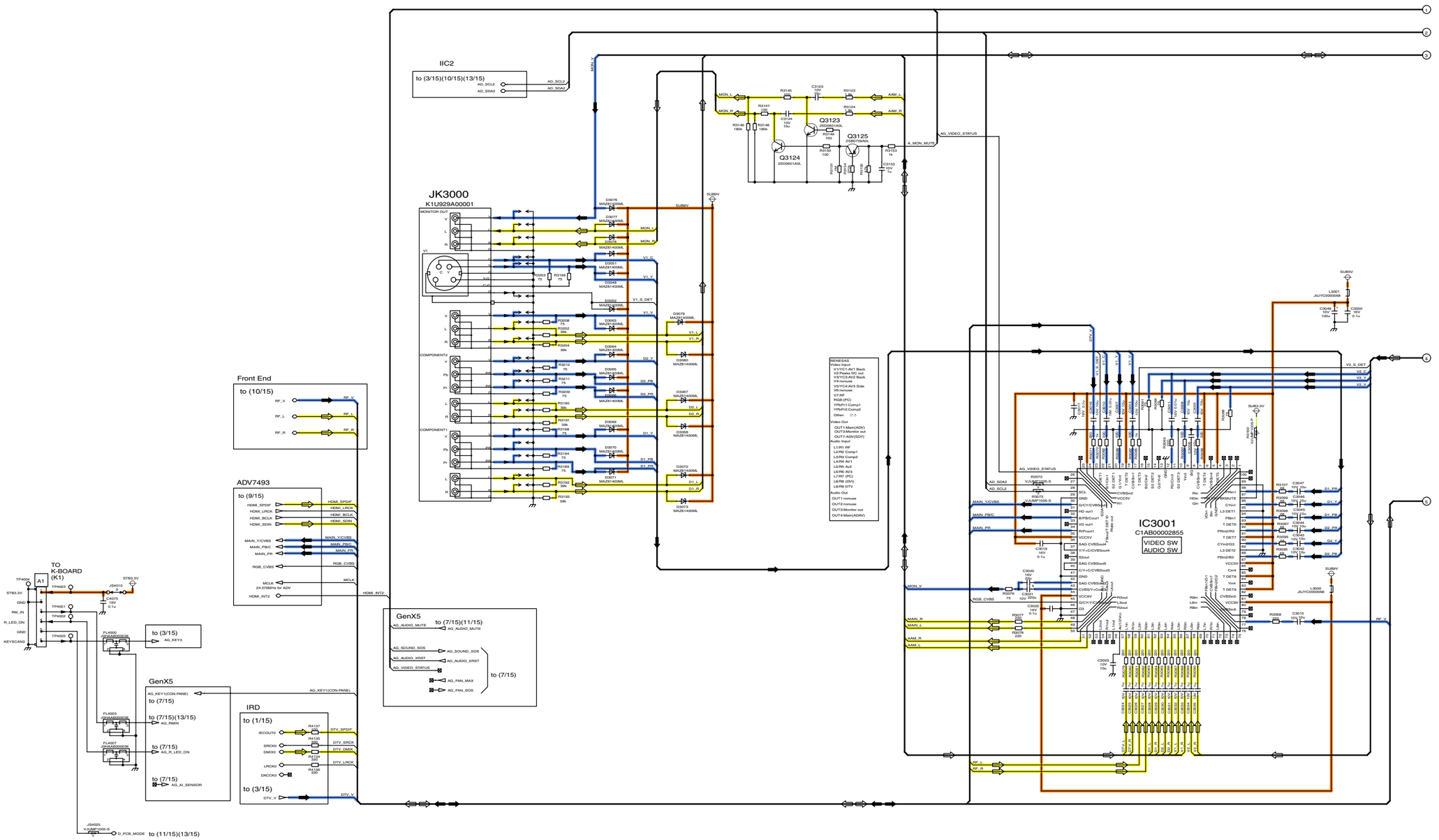
11.7. A-Board (4/15) Schematic Diagram

⚠ A-BOARD TNPH0716ABS (4/15) POWER SUPPLY



11.8. A-Board (5/15) Schematic Diagram

⚠ A-BOARD TNPH0716ABS (5/15) CONNECTOR,AVSW

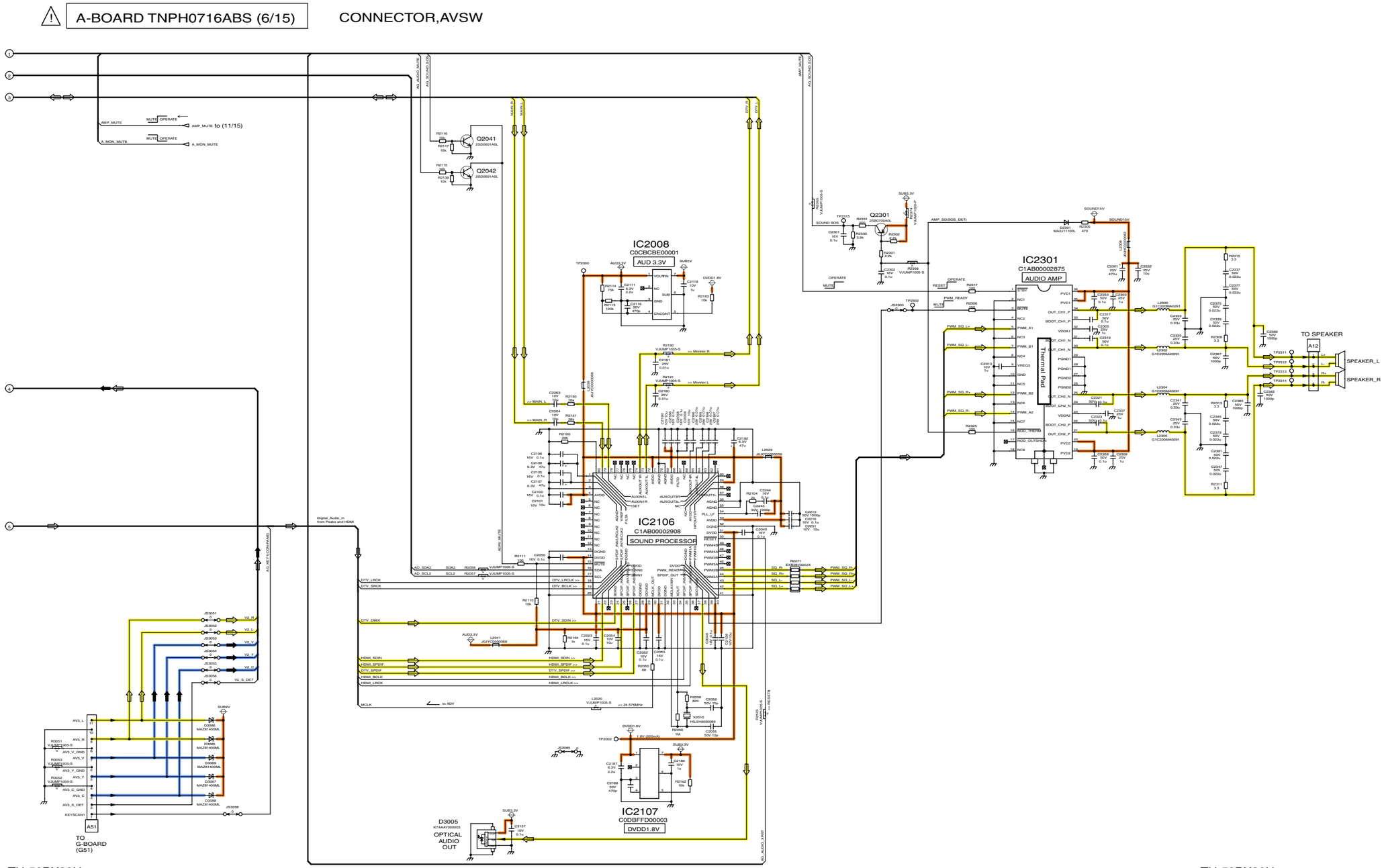


TH-50PX80U
A-Board (5/15) Schematic Diagram

TH-50PX80U
A-Board (5/15) Schematic Diagram

37 38 39 40 41 42 43 44 45

11.9. A-Board (6/15) Schematic Diagram

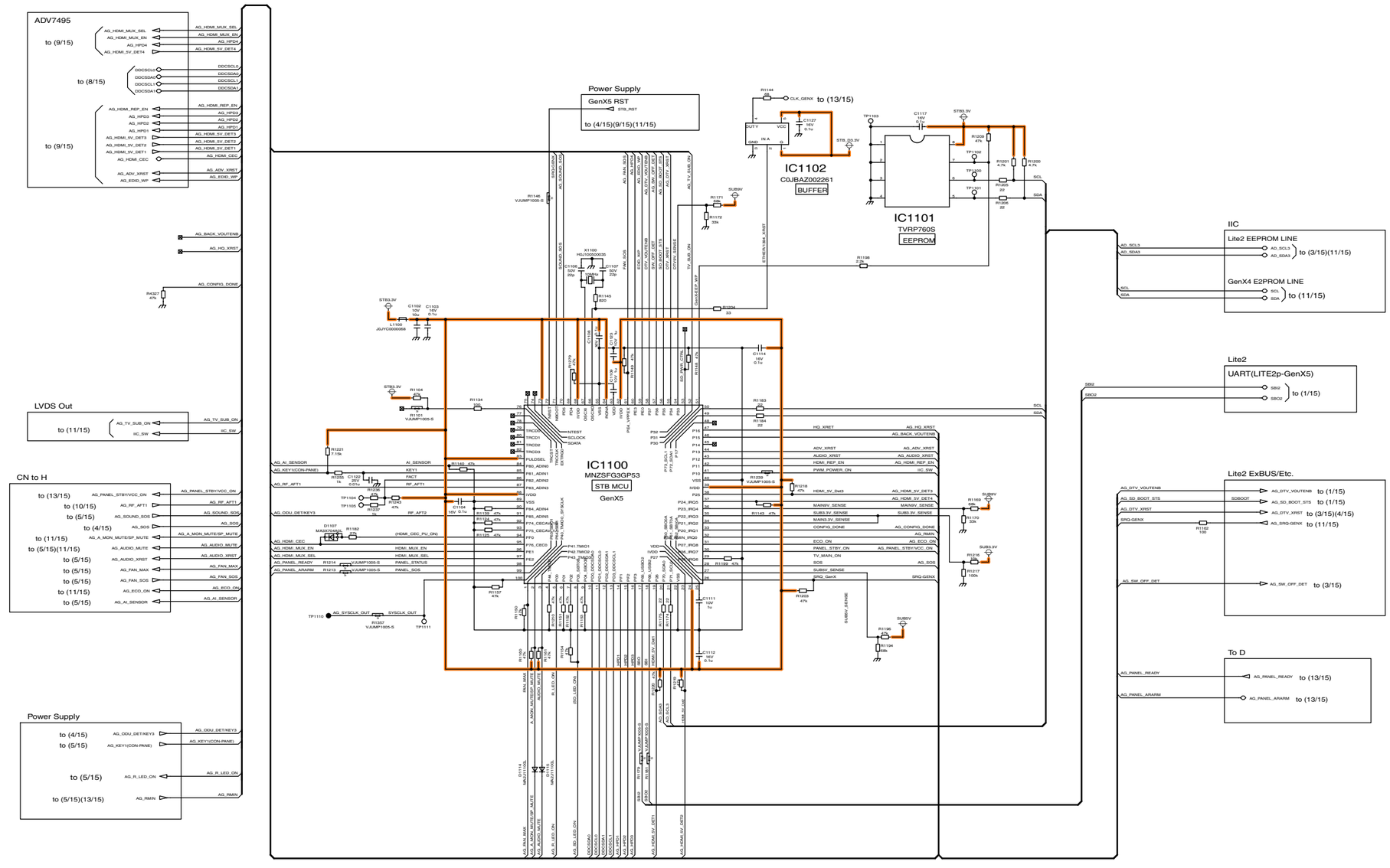


TH-50PX80U
A-Board (6/15) Schematic Diagram

46 47 48 49 50 51 52 53 54

11.10. A-Board (7/15) Schematic Diagram

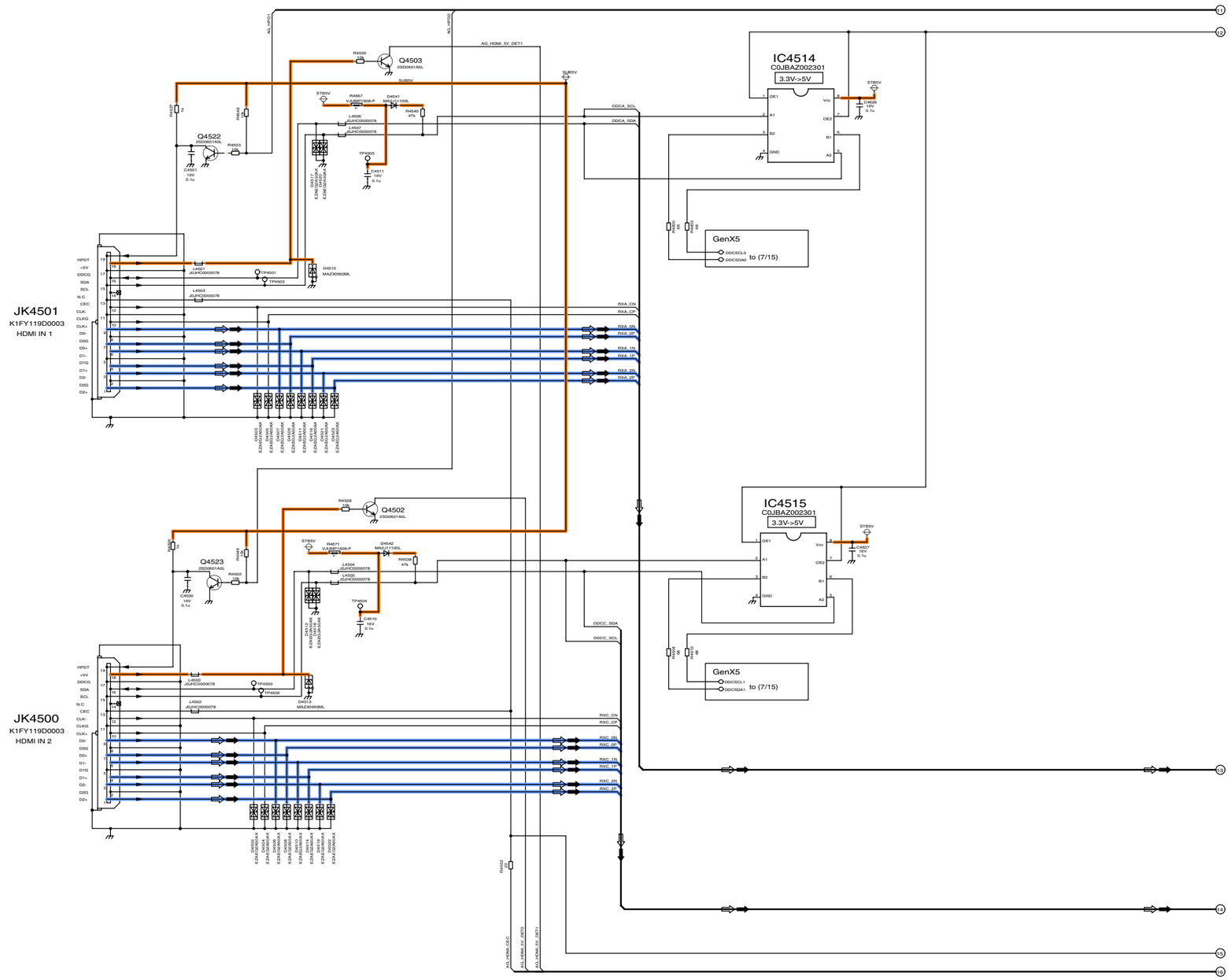
⚠ A-BOARD TNPH0716ABS (7/15) GenX5,EEPROM



11.11. A-Board (8/15) Schematic Diagram

⚠ A-BOARD TNPH0716ABS (8/15)

ADV7495,HDMI-Mux



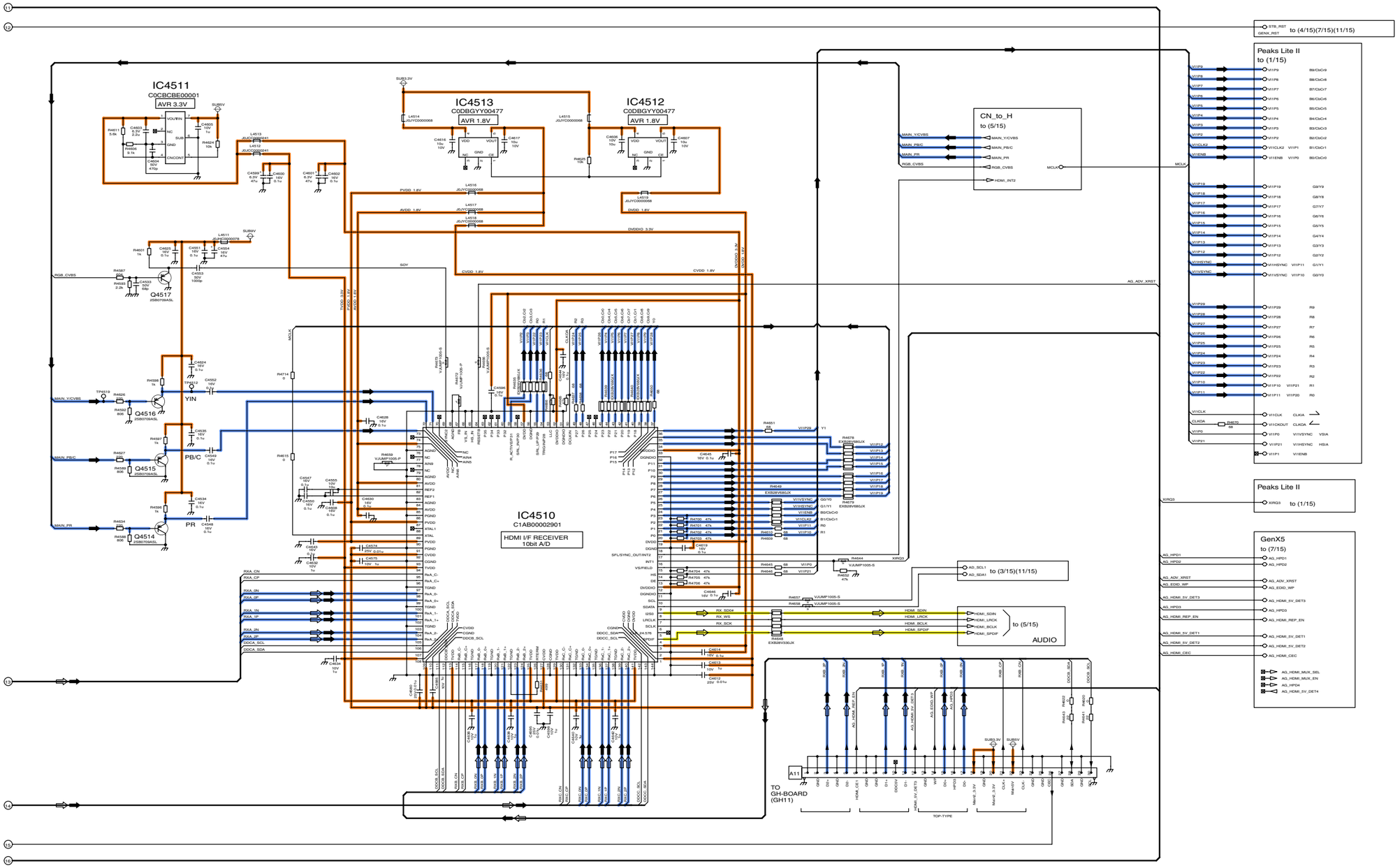
TH-50PX80U
A-Board (8/15) Schematic Diagram

TH-50PX80U
A-Board (8/15) Schematic Diagram

64 65 66 67 68 69 70 71 72

11.12. A-Board (9/15) Schematic Diagram

⚠ A-BOARD TNPH0716ABS (9/15) ADV7495,HDMI-Mux



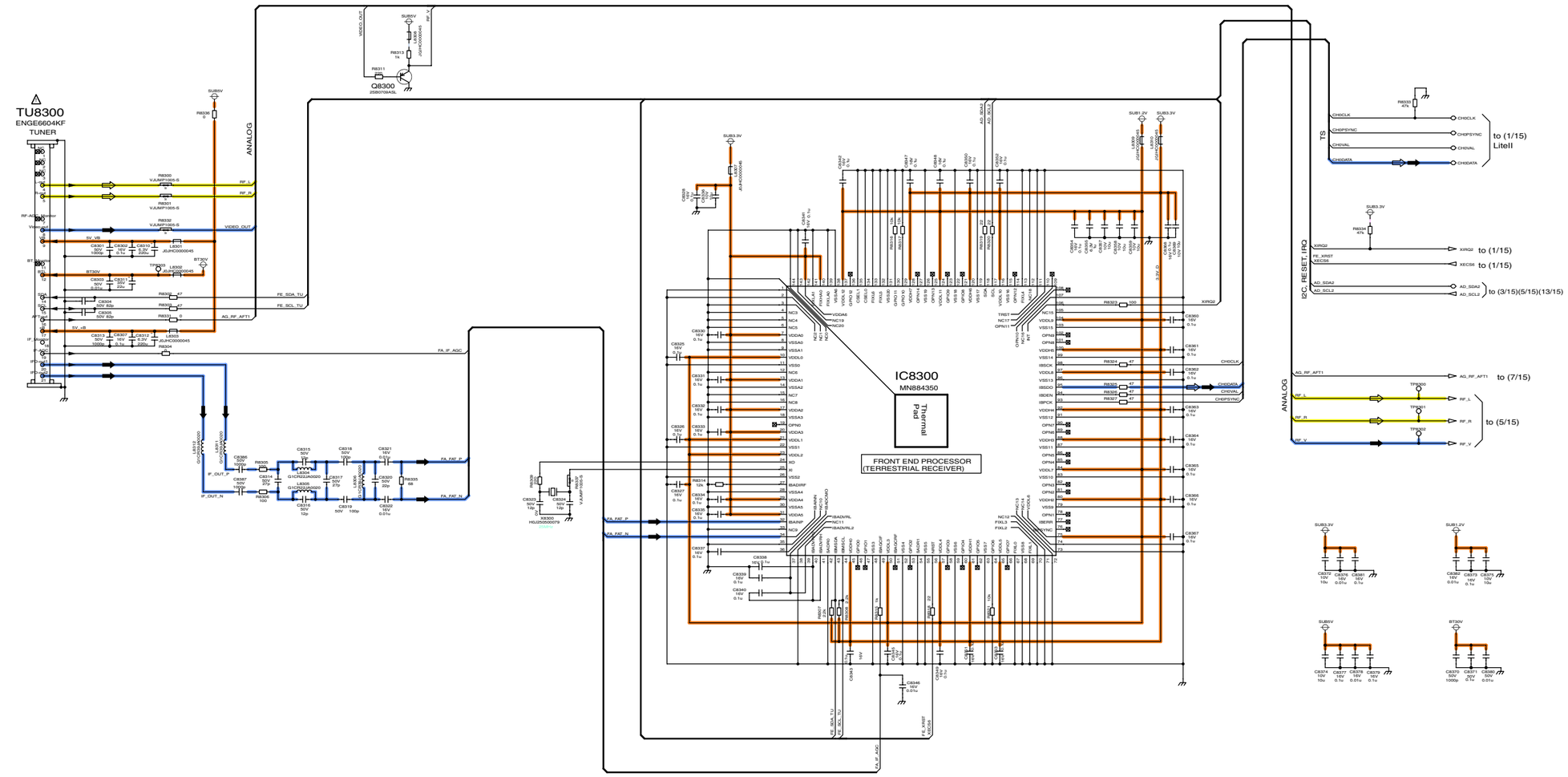
TH-50PX80U
A-Board (9/15) Schematic Diagram

TH-50PX80U
A-Board (9/15) Schematic Diagram

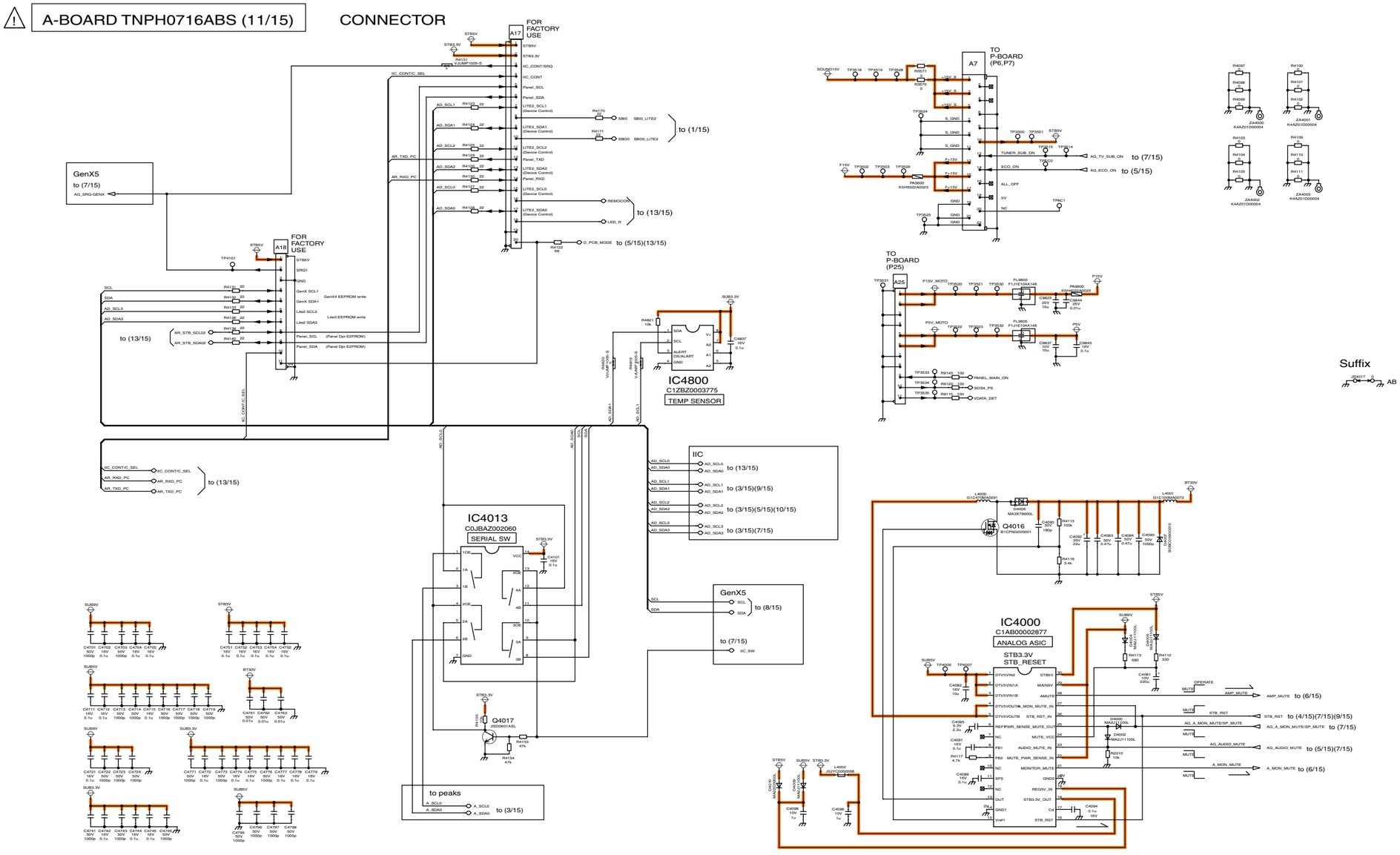
73 74 75 76 77 78 79 80 81

11.13. A-Board (10/15) Schematic Diagram

⚠ A-BOARD TNPH0716ABS (10/15) FrontEnd

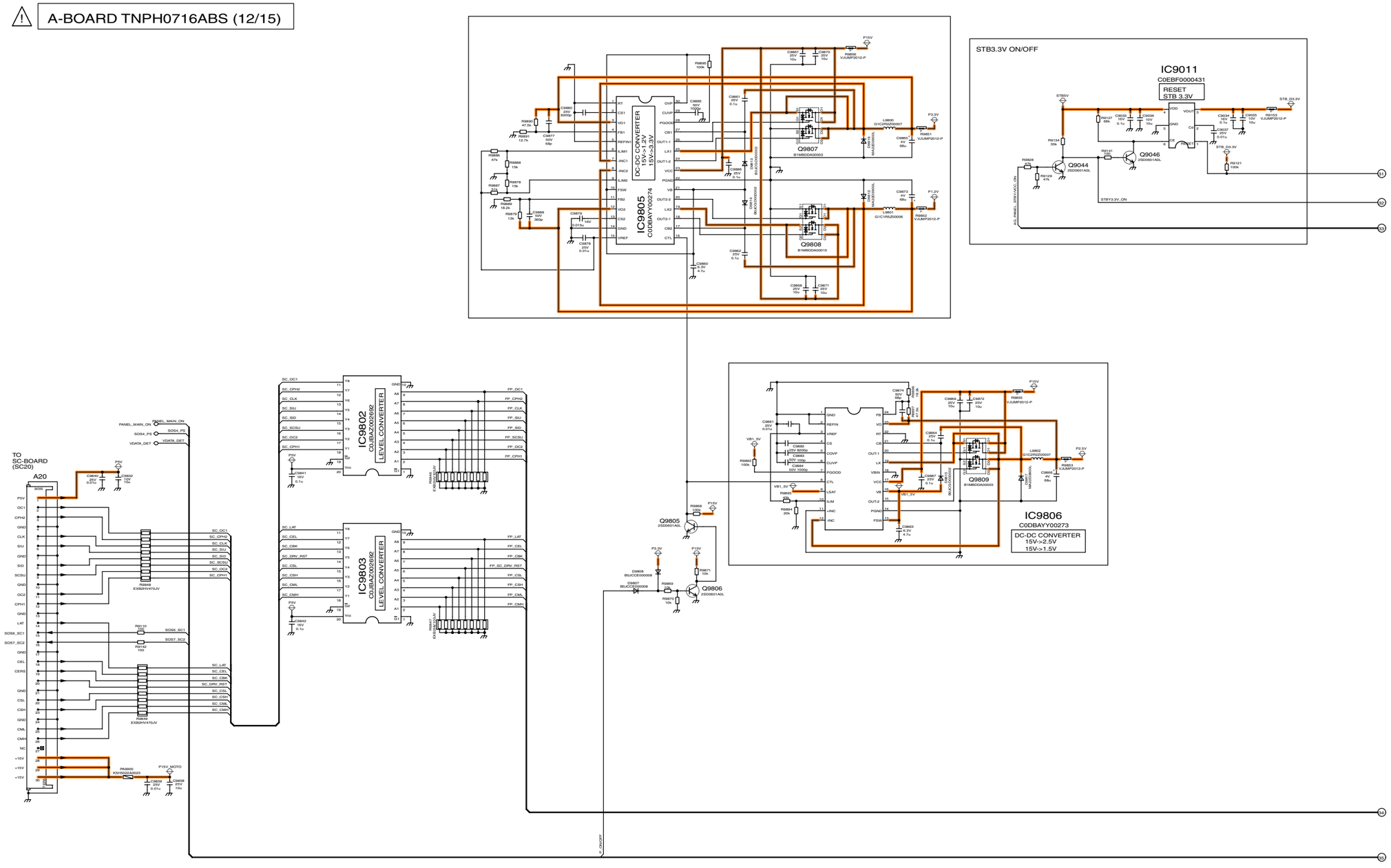


11.14. A-Board (11/15) Schematic Diagram

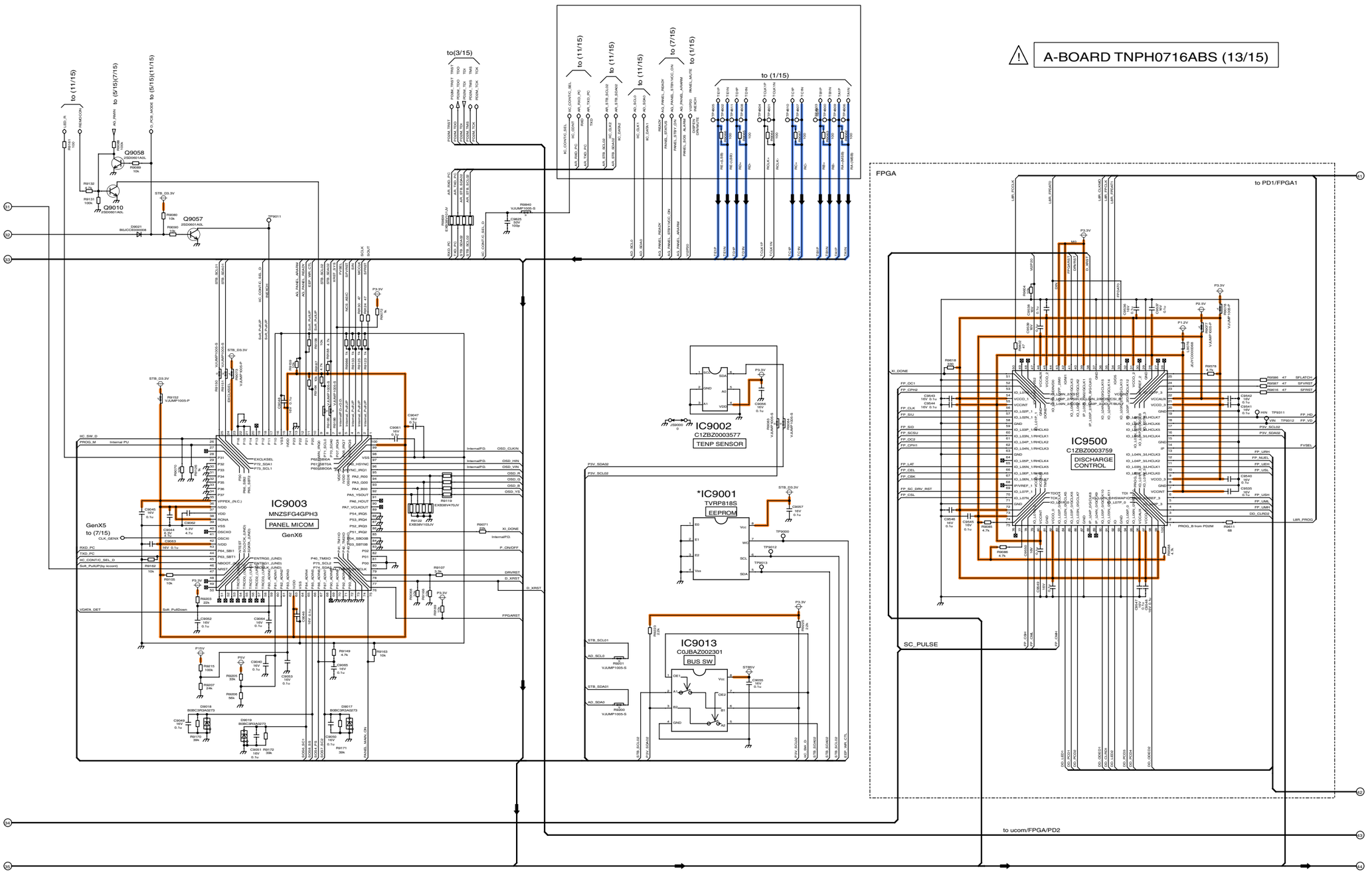


11.15. A-Board (12/15) Schematic Diagram

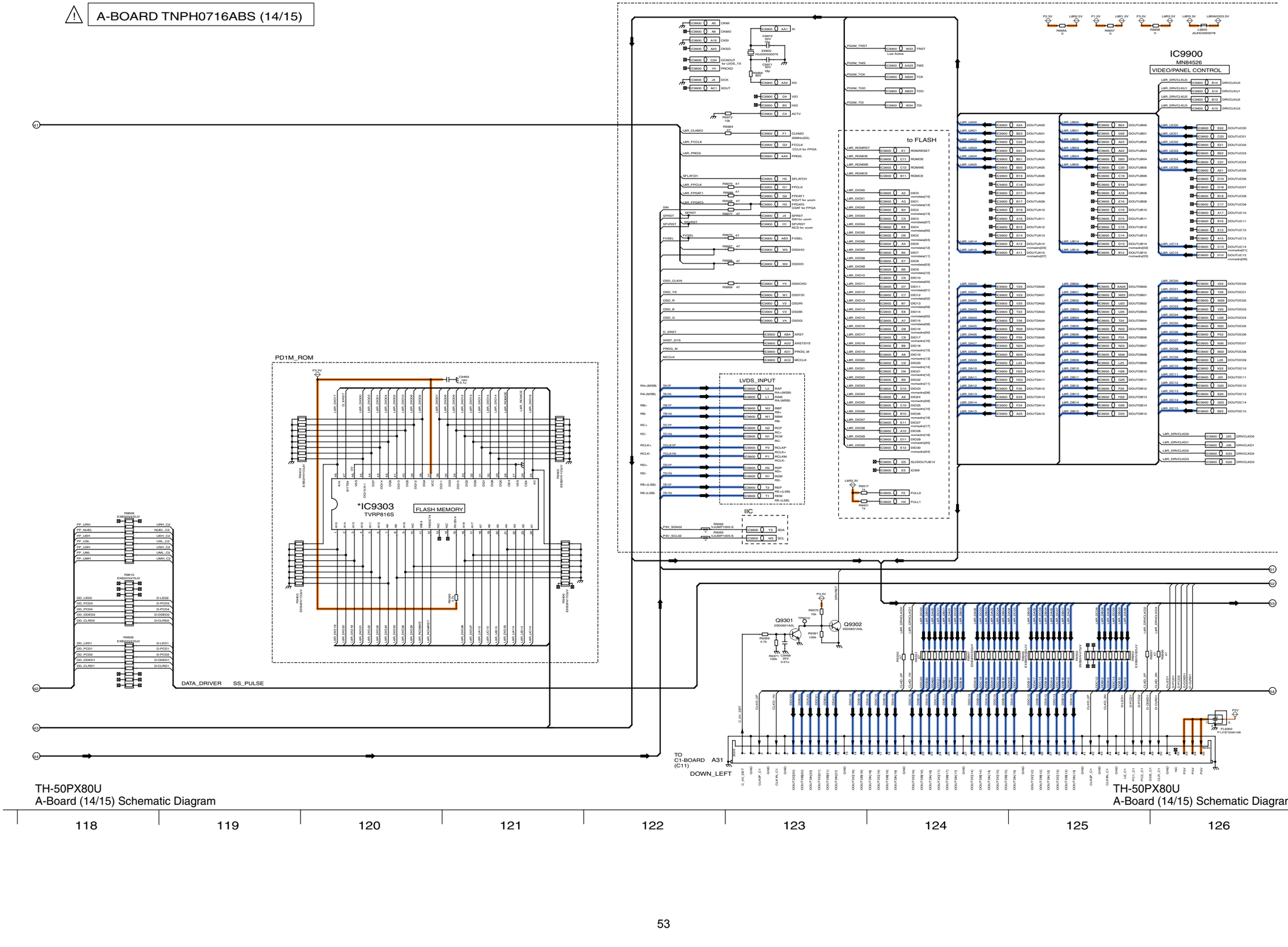
⚠ A-BOARD TNPH0716ABS (12/15)



11.16. A-Board (13/15) Schematic Diagram



11.17. A-Board (14/15) Schematic Diagram

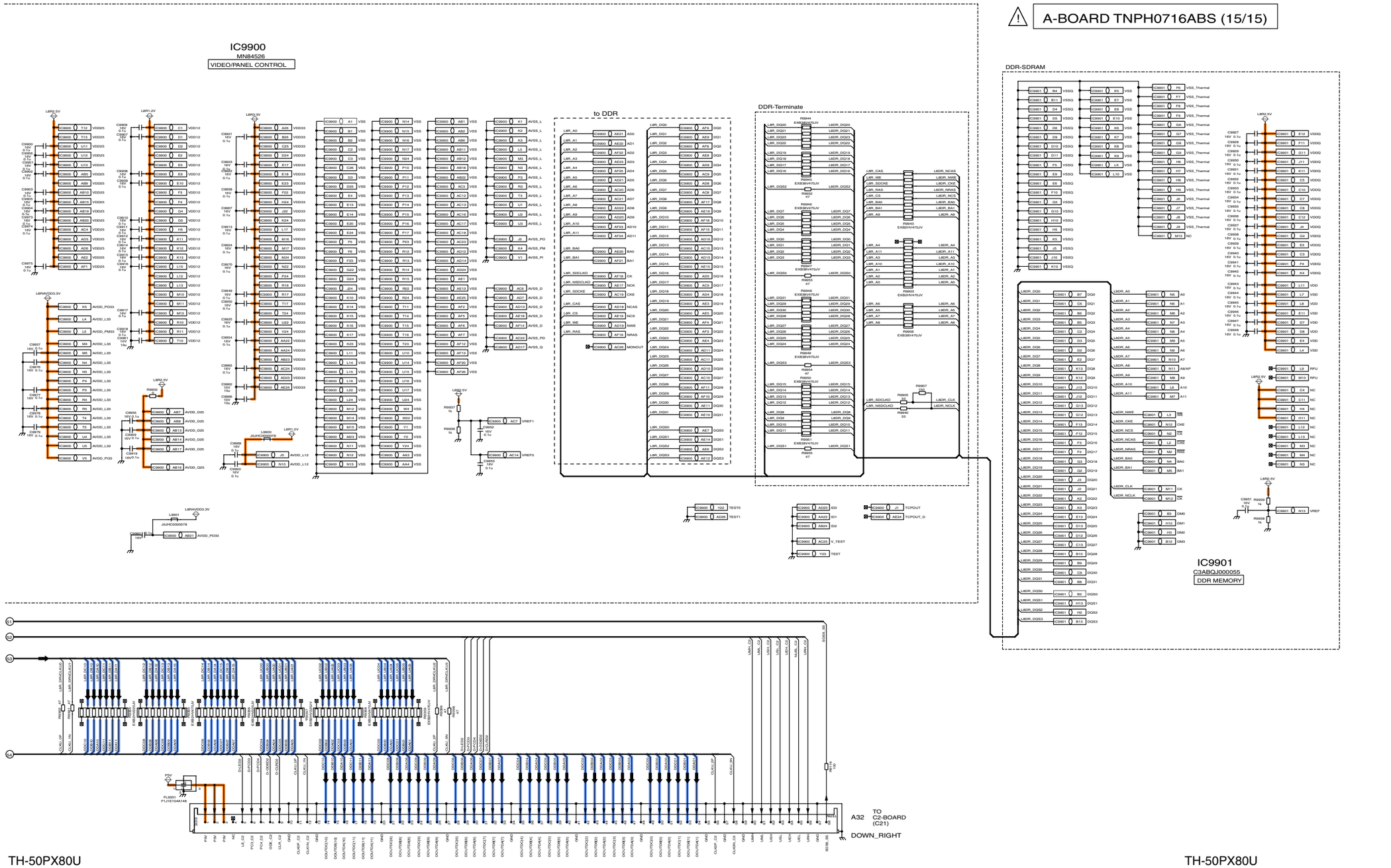


TH-50PX80U
A-Board (14/15) Schematic Diagram

TH-50PX80U
A-Board (14/15) Schematic Diagram

118 119 120 121 122 123 124 125 126

11.18. A-Board (15/15) Schematic Diagram

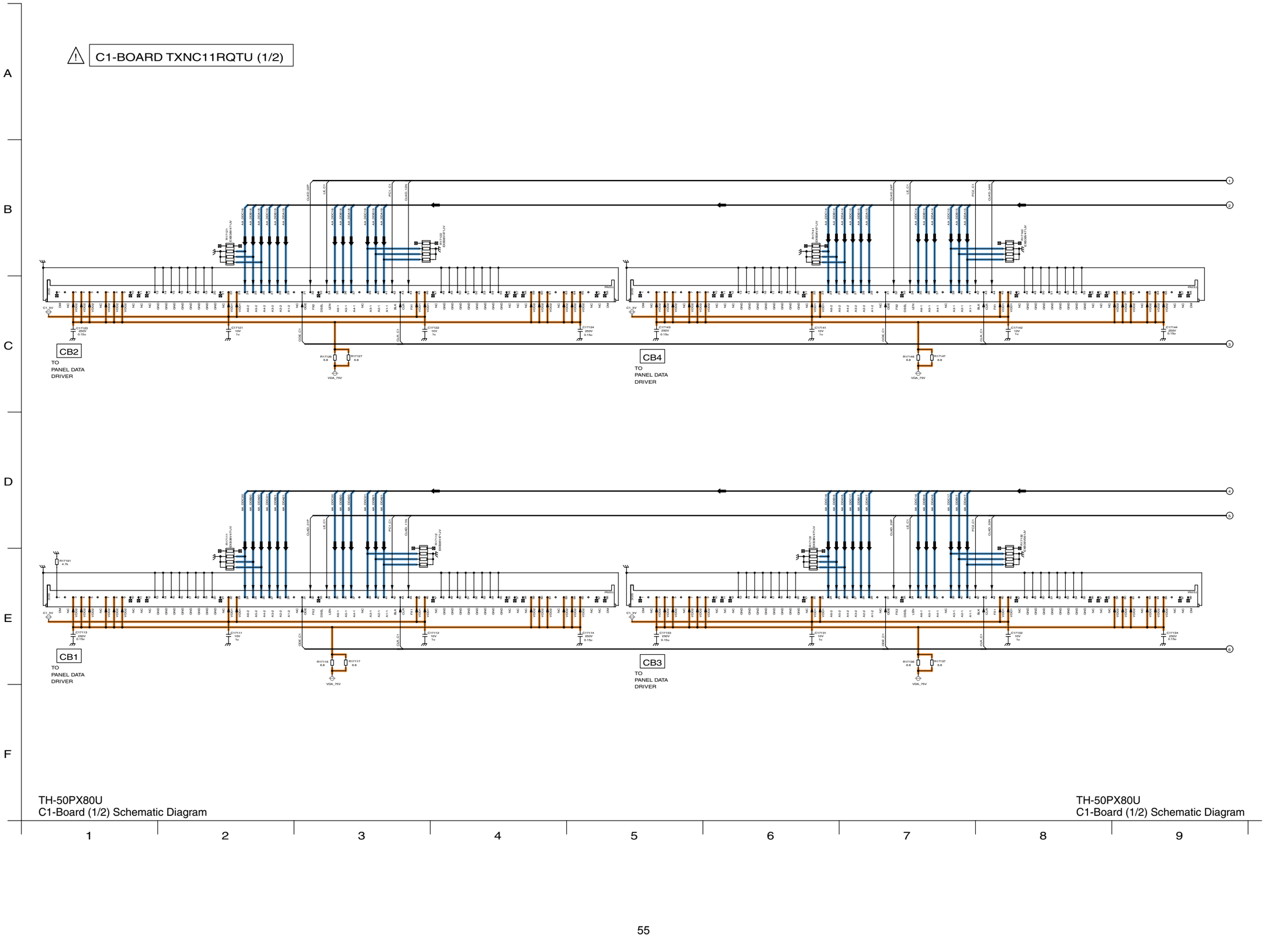


TH-50PX80U
A-Board (15/15) Schematic Diagram

TH-50PX80U
A-Board (15/15) Schematic Diagram

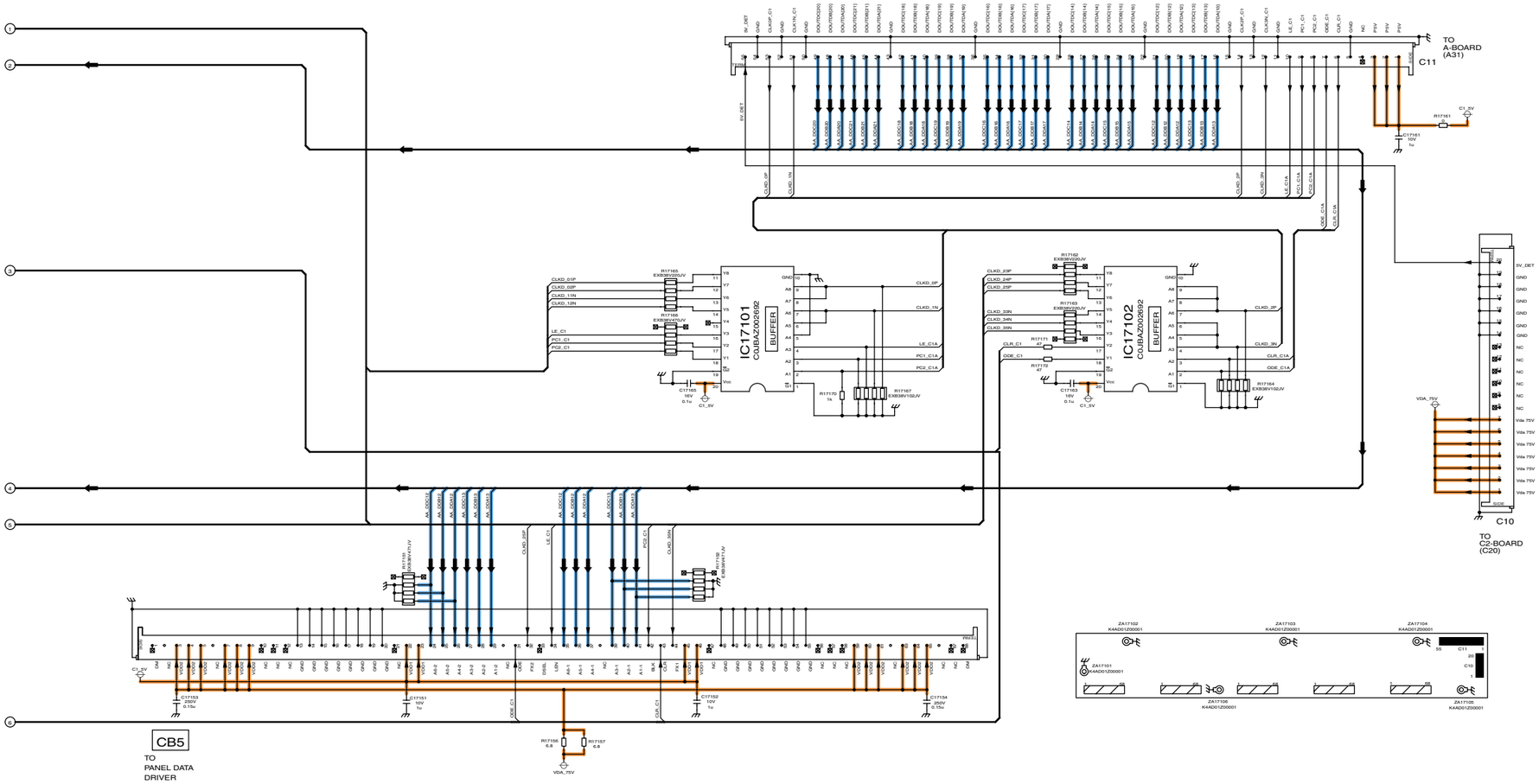
127 128 129 130 131 132 133 134 135

11.19. C1-Board (1/2) Schematic Diagram



11.20. C1-Board (2/2) Schematic Diagram

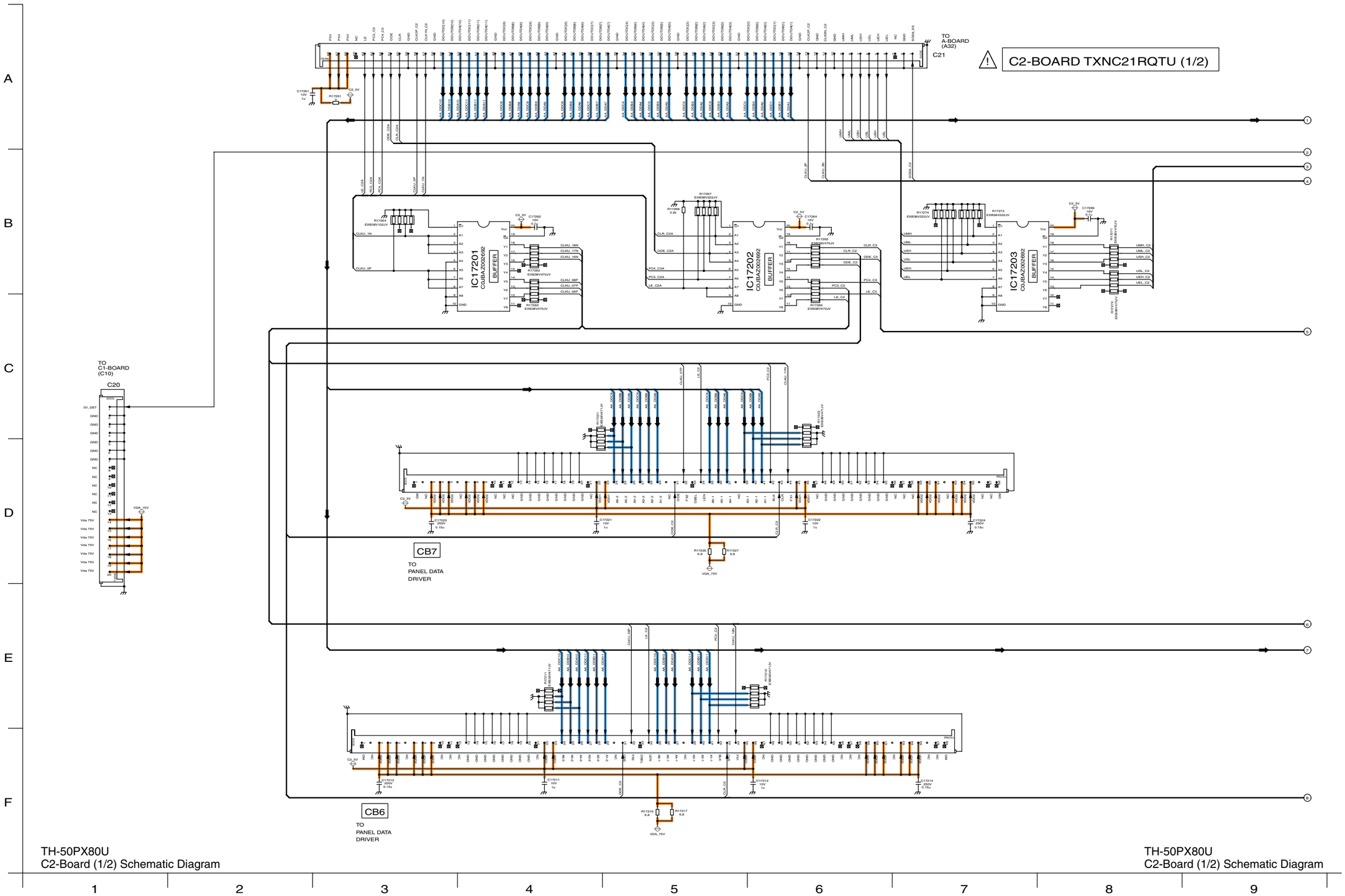
⚠ C1-BOARD TXNC11RQTU (2/2)



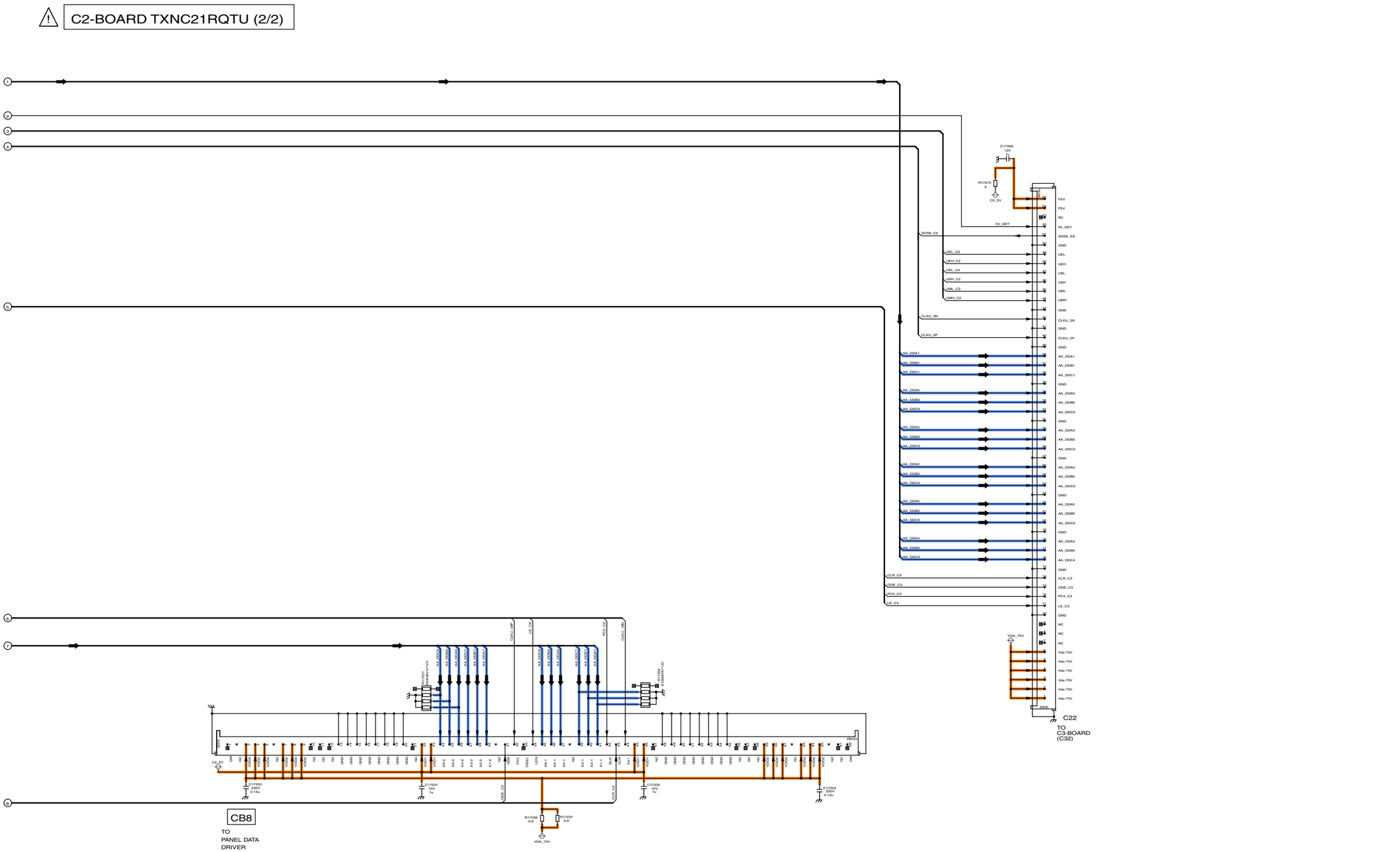
TH-50PX80U
C1-Board (2/2) Schematic Diagram

10 11 12 13 14 15 16 17 18

11.21. C2-Board (1/2) Schematic Diagram



11.22. C2-Board (2/2) Schematic Diagram

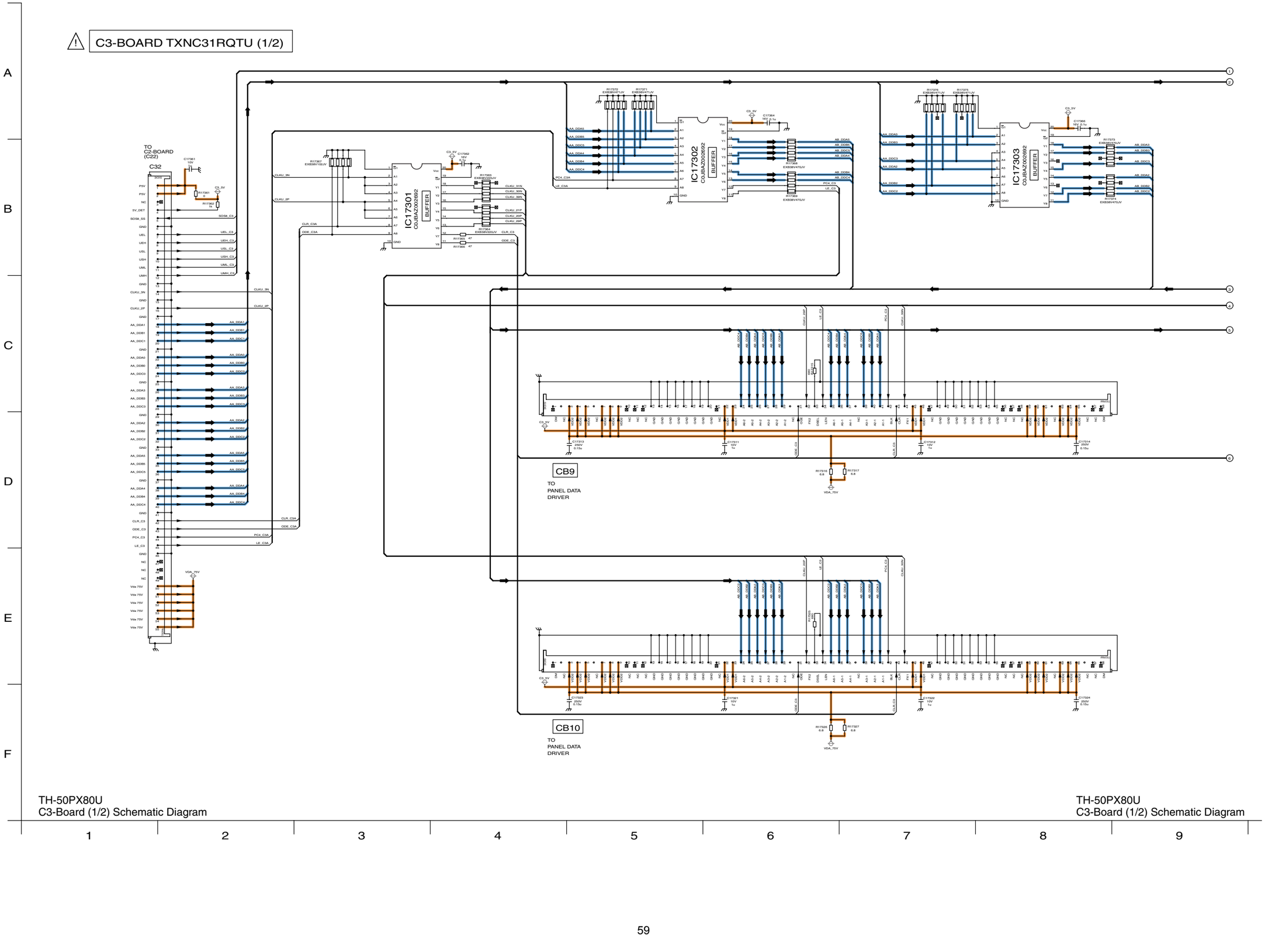


TH-50PX80U
C2-Board (2/2) Schematic Diagram

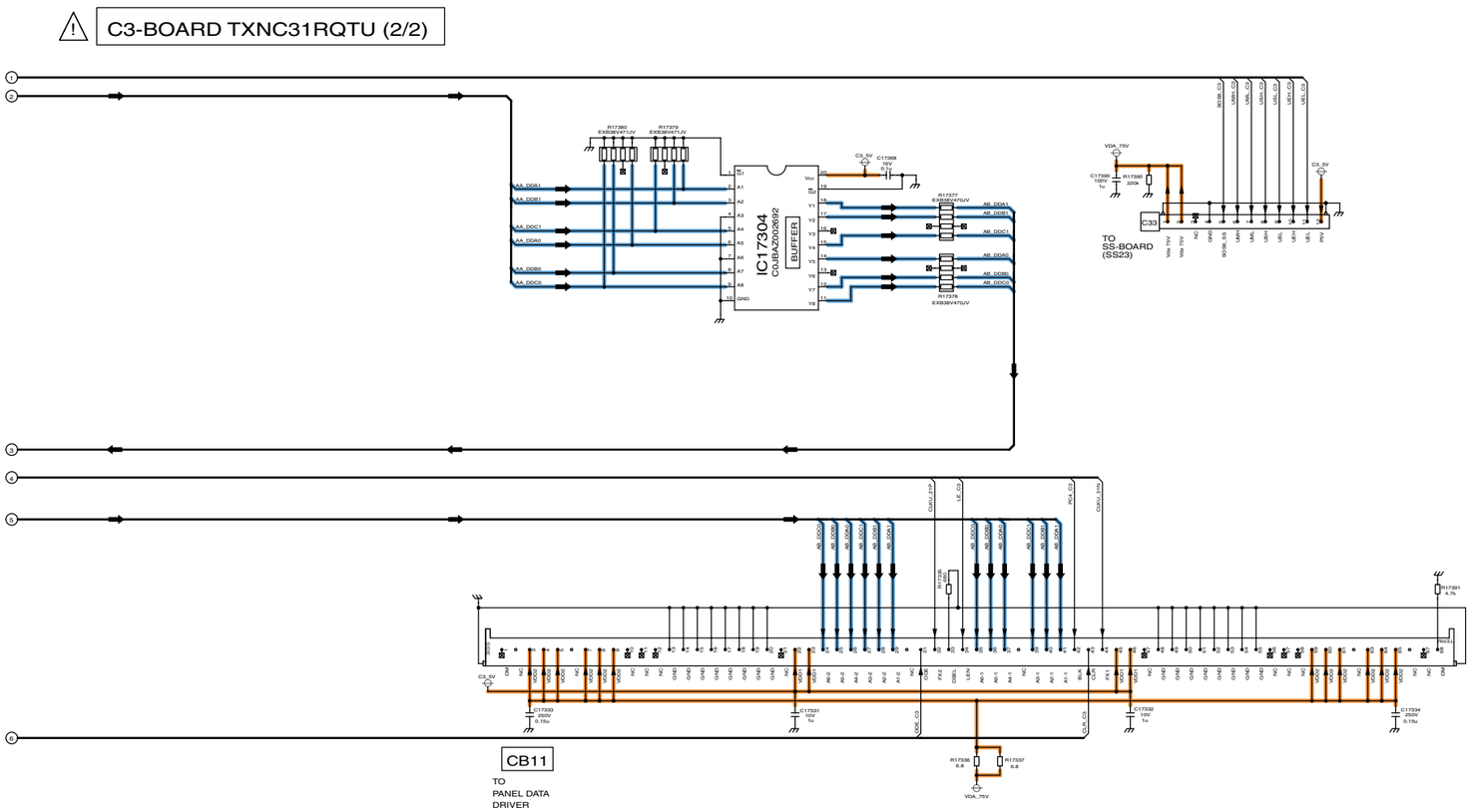
TH-50PX80U
C2-Board (2/2) Schematic Diagram

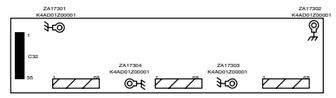
10 11 12 13 14 15 16 17 18

11.23. C3-Board (1/2) Schematic Diagram

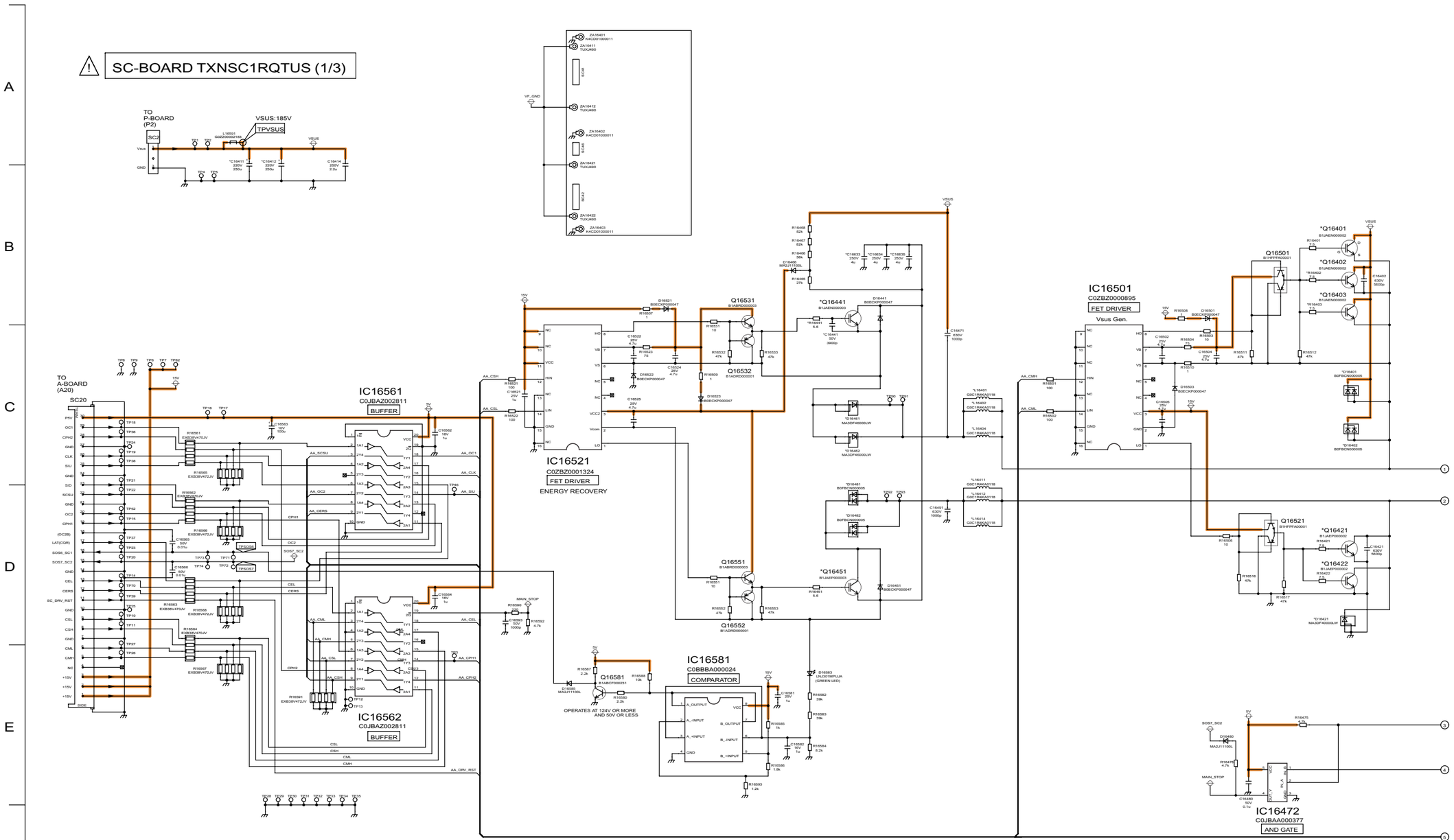


11.24. C3-Board (2/2) Schematic Diagram

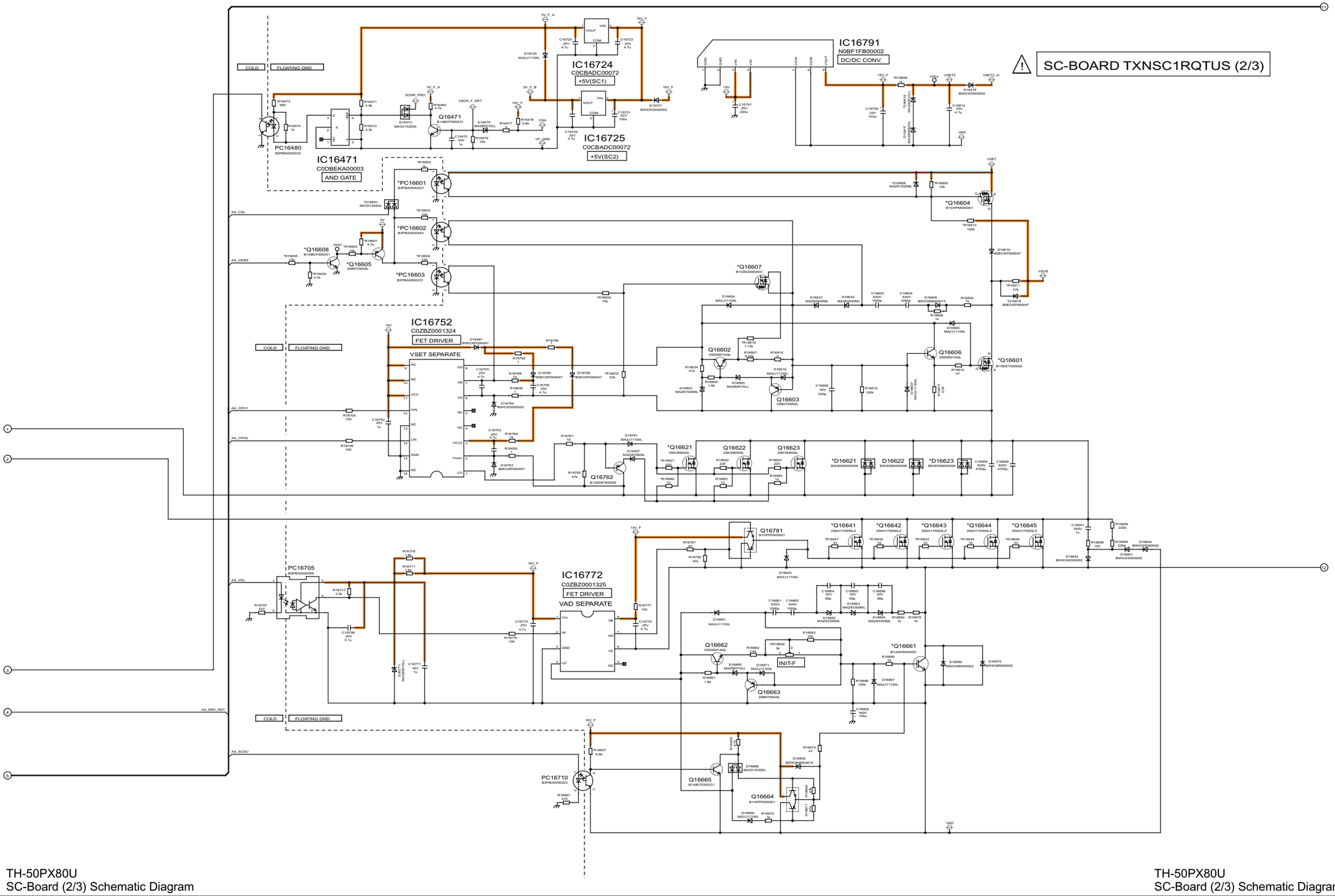




11.25. SC-Board (1/3) Schematic Diagram



11.26. SC-Board (2/3) Schematic Diagram

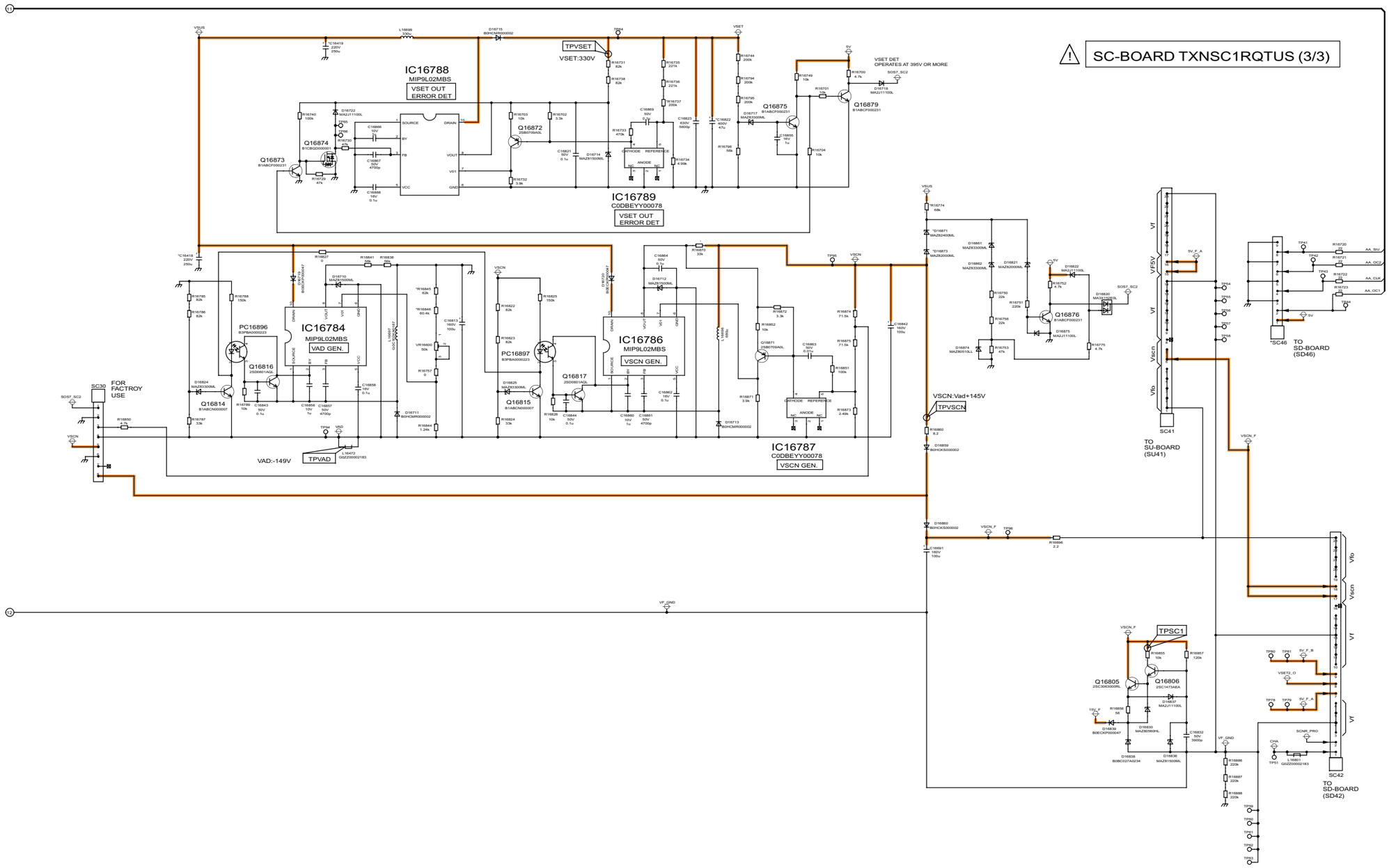


TH-50PX80U
SC-Board (2/3) Schematic Diagram

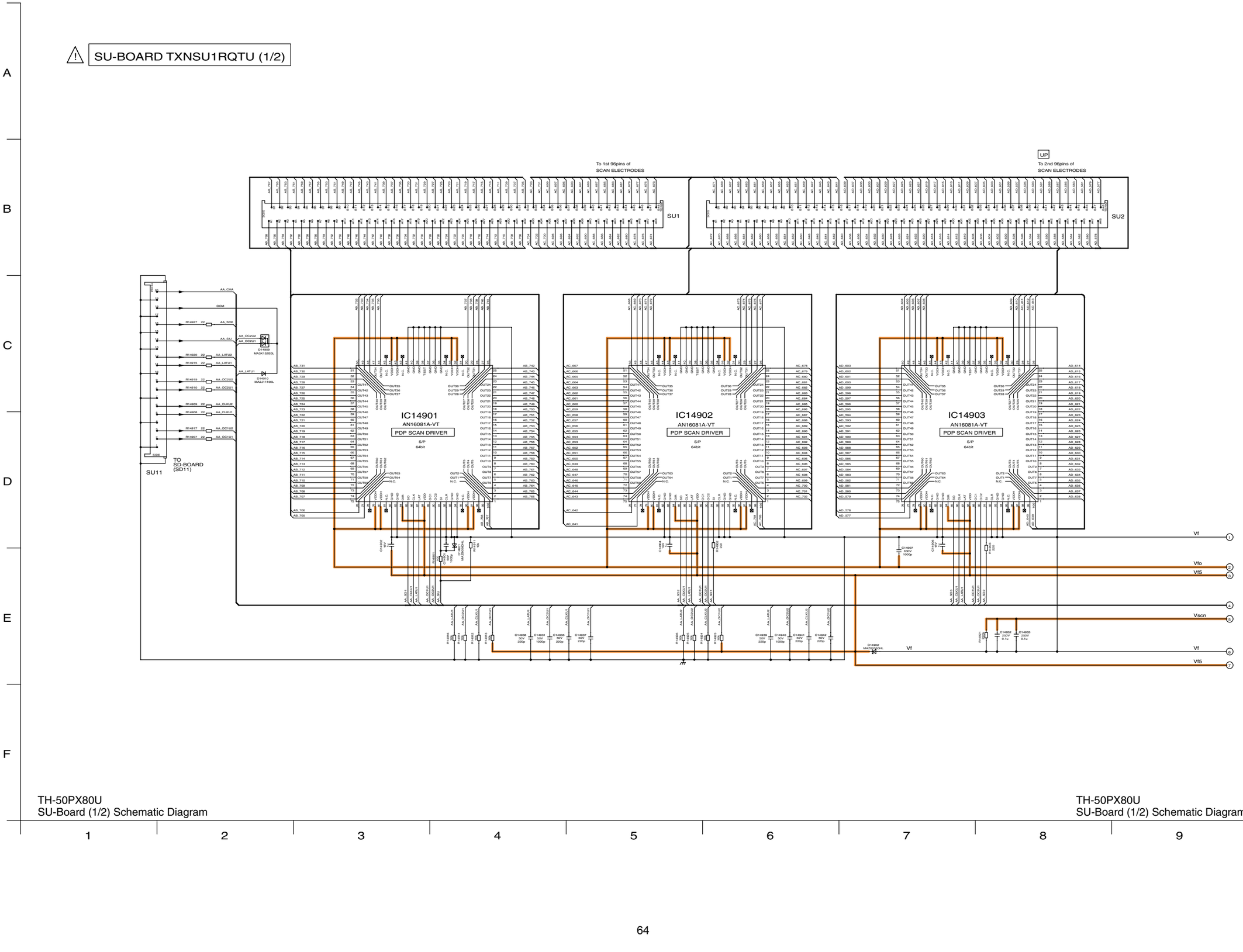
TH-50PX80U
SC-Board (2/3) Schematic Diagram

10 11 12 13 14 15 16 17 18

11.27. SC-Board (3/3) Schematic Diagram



11.28. SU-Board (1/2) Schematic Diagram

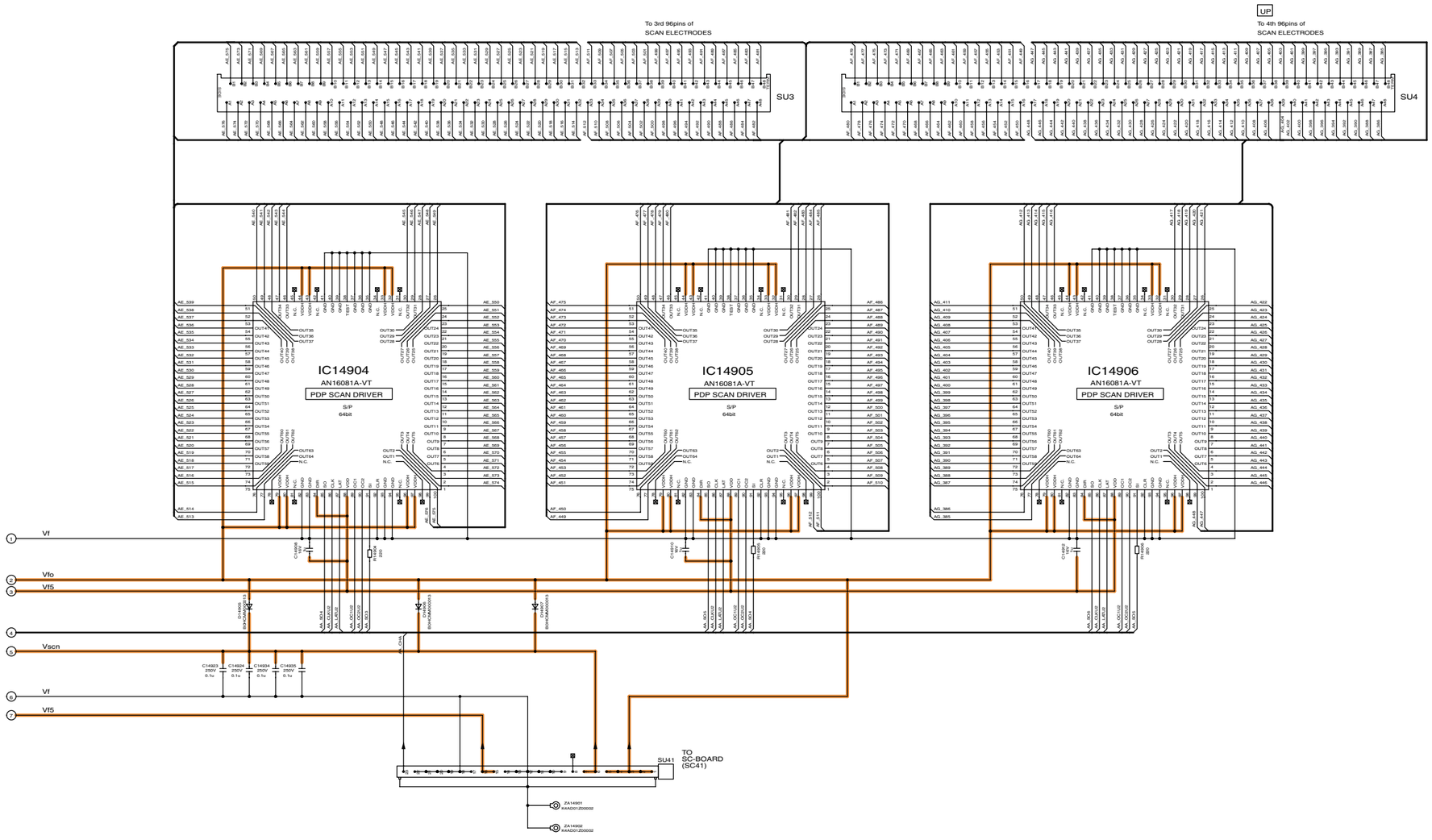


TH-50PX80U
SU-Board (1/2) Schematic Diagram

TH-50PX80U
SU-Board (1/2) Schematic Diagram

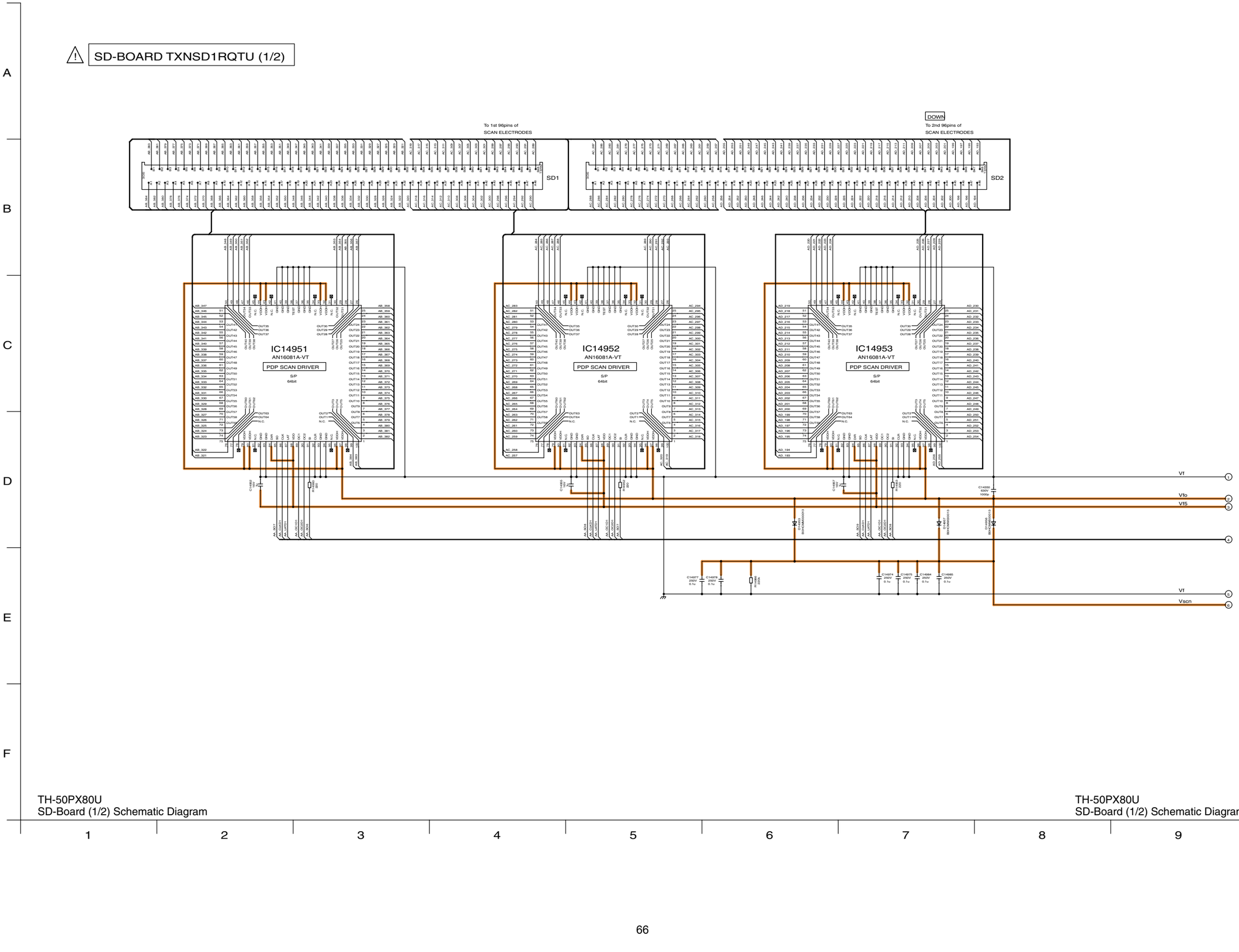
11.29. SU-Board (2/2) Schematic Diagram

⚠ SU-BOARD TXNSU1RQTU (2/2)



TH-50PX80U
SU-Board (2/2) Schematic Diagram

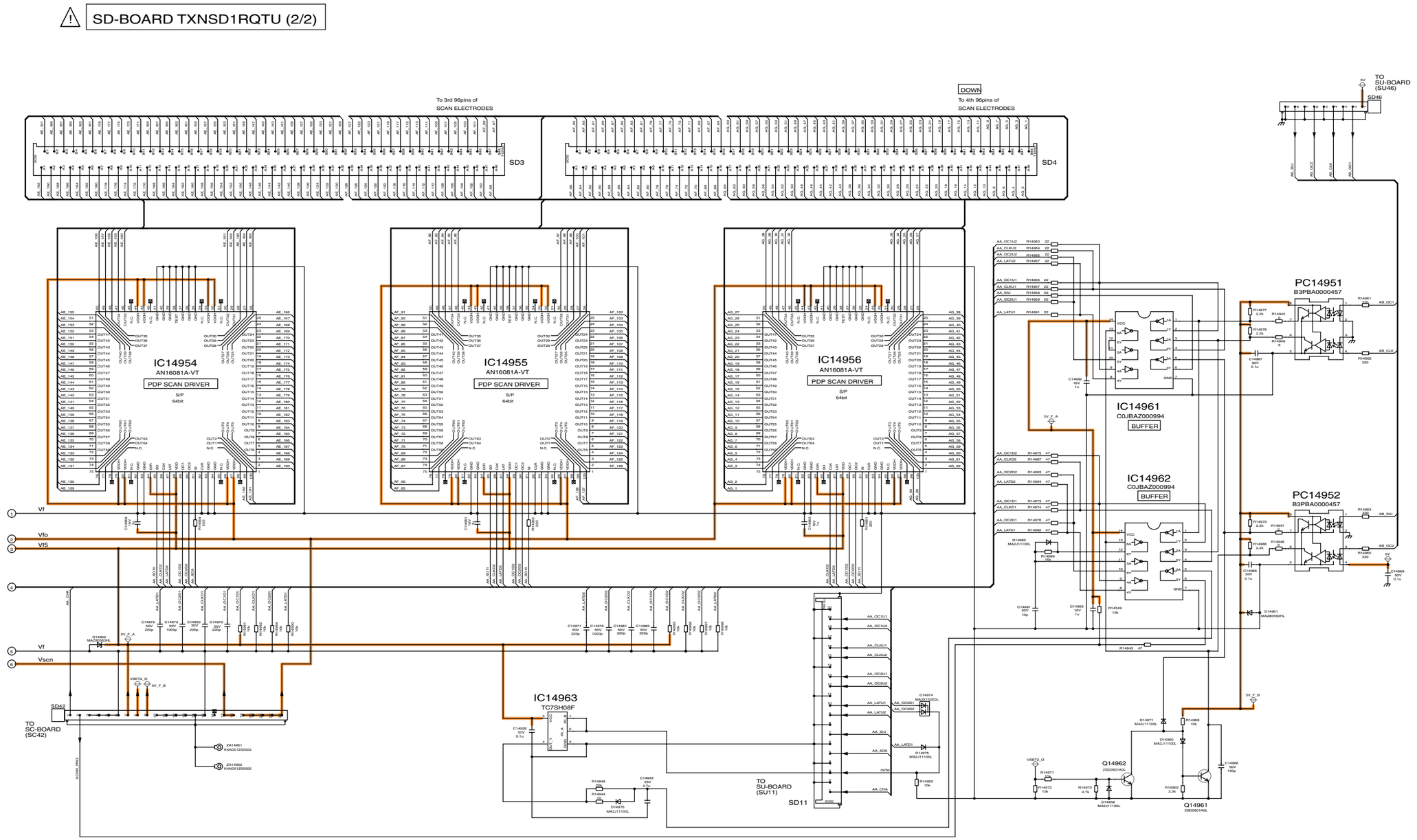
11.30. SD-Board (1/2) Schematic Diagram



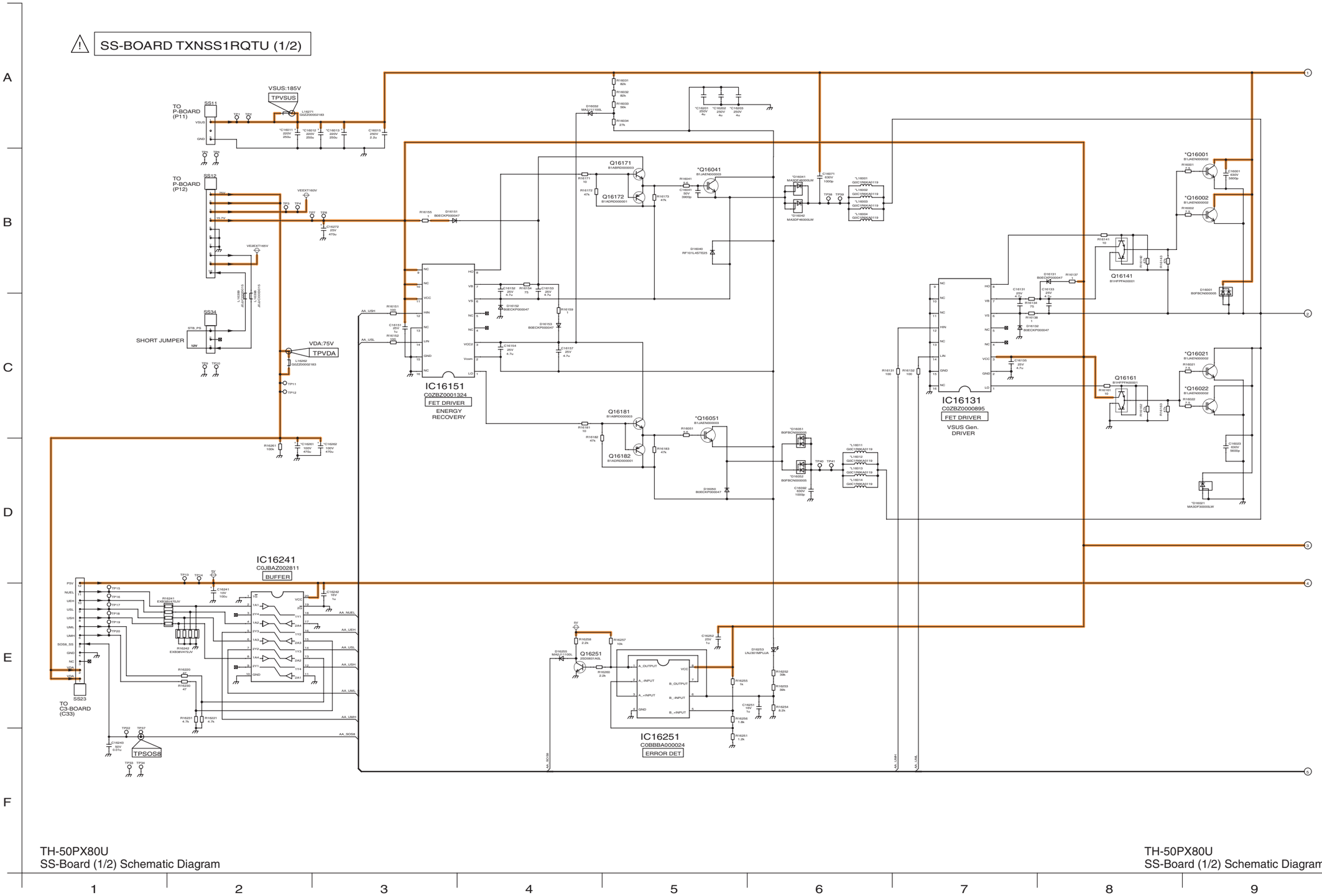
TH-50PX80U
SD-Board (1/2) Schematic Diagram

TH-50PX80U
SD-Board (1/2) Schematic Diagram

11.31. SD-Board (2/2) Schematic Diagram



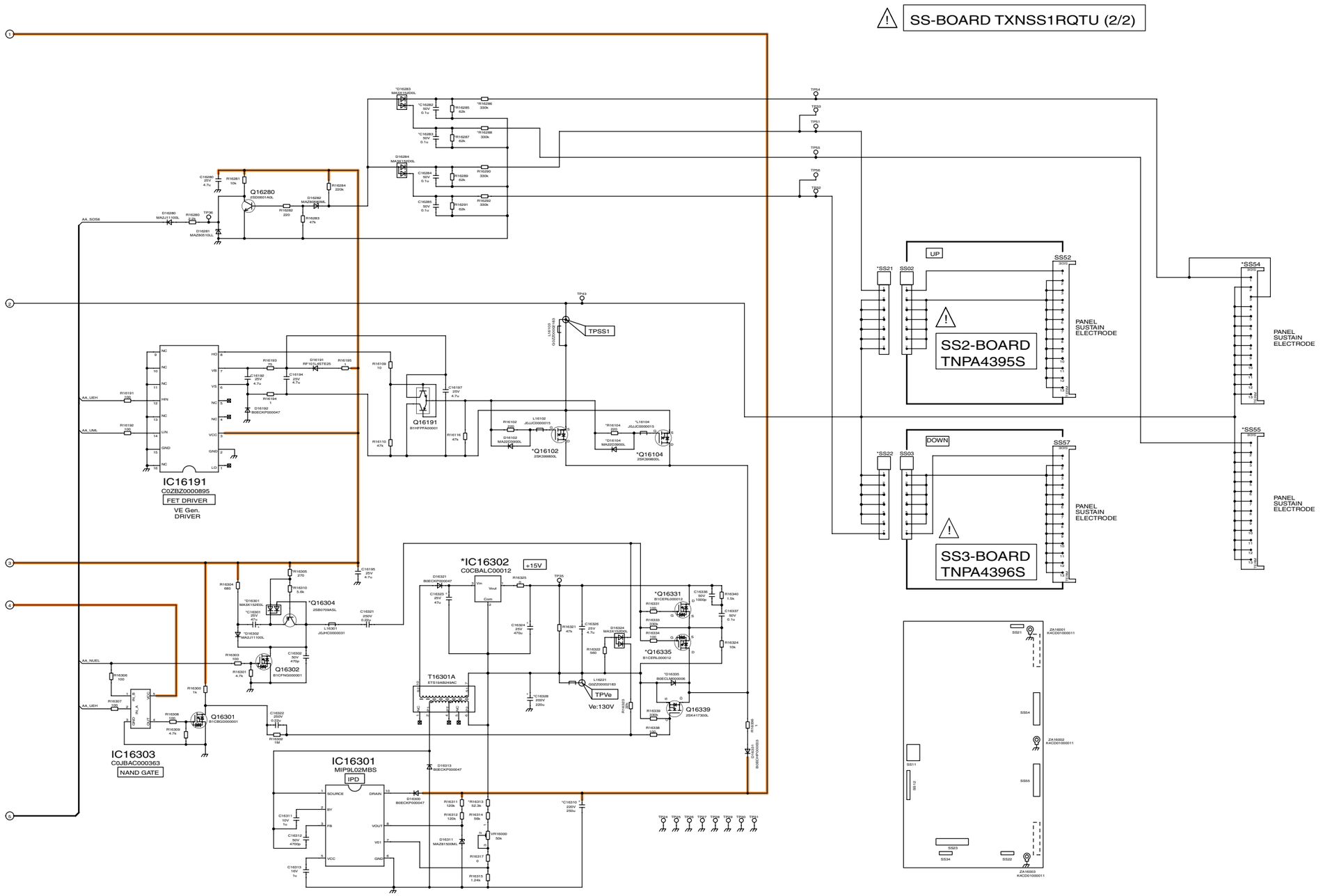
11.32. SS-Board (1/2) Schematic Diagram



TH-50PX80U
SS-Board (1/2) Schematic Diagram

TH-50PX80U
SS-Board (1/2) Schematic Diagram

11.33. SS-Board (2/2), SS2-Board and SS3-Board Schematic Diagram

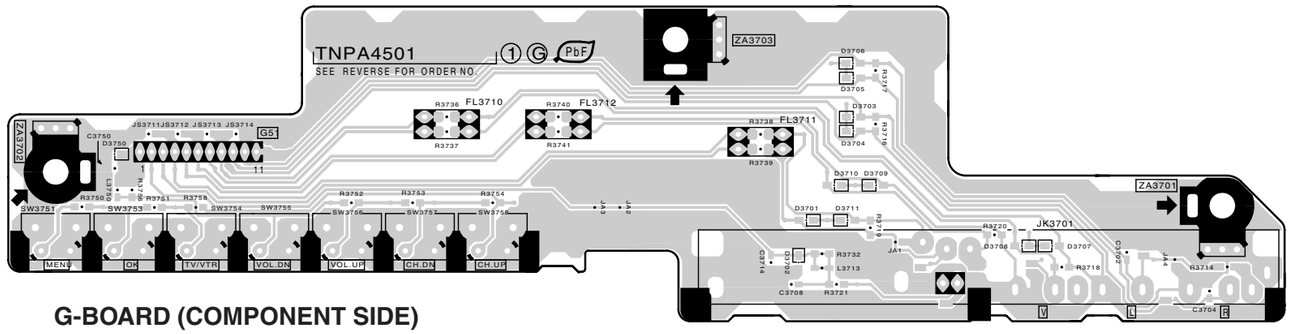


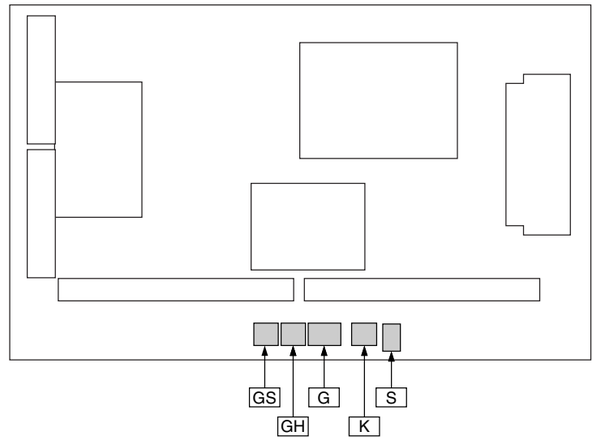
TH-50PX80U
SS-Board (2/2), SS2-Board and SS3-Board Schematic Diagram

12 Printed Circuit Board

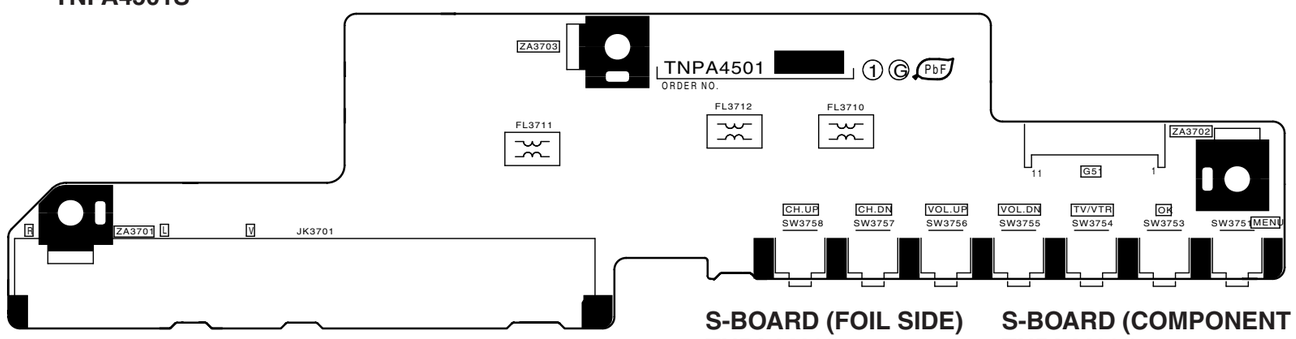
12.1. G, GH, GS, K and S-Board

G-BOARD (FOIL SIDE)
TNPA4501S

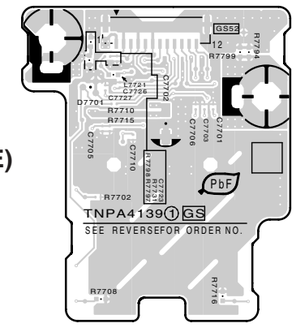




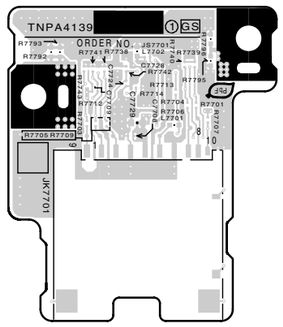
G-BOARD (COMPONENT SIDE)
TNPA4501S



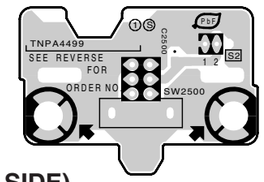
GS-BOARD (FOIL SIDE)
TNPA4139ADS



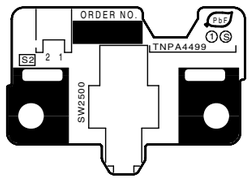
GS-BOARD (COMPONENT SIDE)
TNPA4139ADS



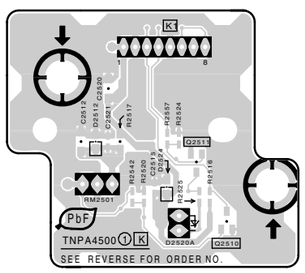
S-BOARD (FOIL SIDE)
TNPA4499S



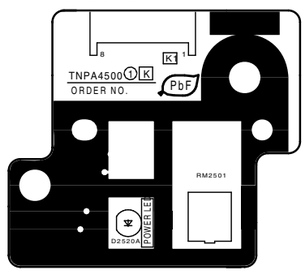
S-BOARD (COMPONENT SIDE)
TNPA4499S



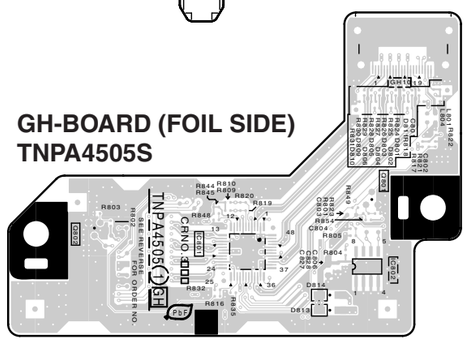
K-BOARD (FOIL SIDE)
TNPA4500S



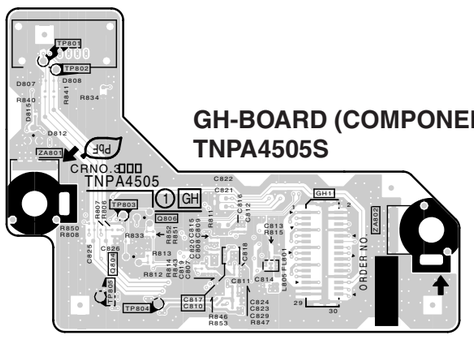
K-BOARD (COMPONENT SIDE)
TNPA4500S



GH-BOARD (FOIL SIDE)
TNPA4505S



GH-BOARD (COMPONENT SIDE)
TNPA4505S

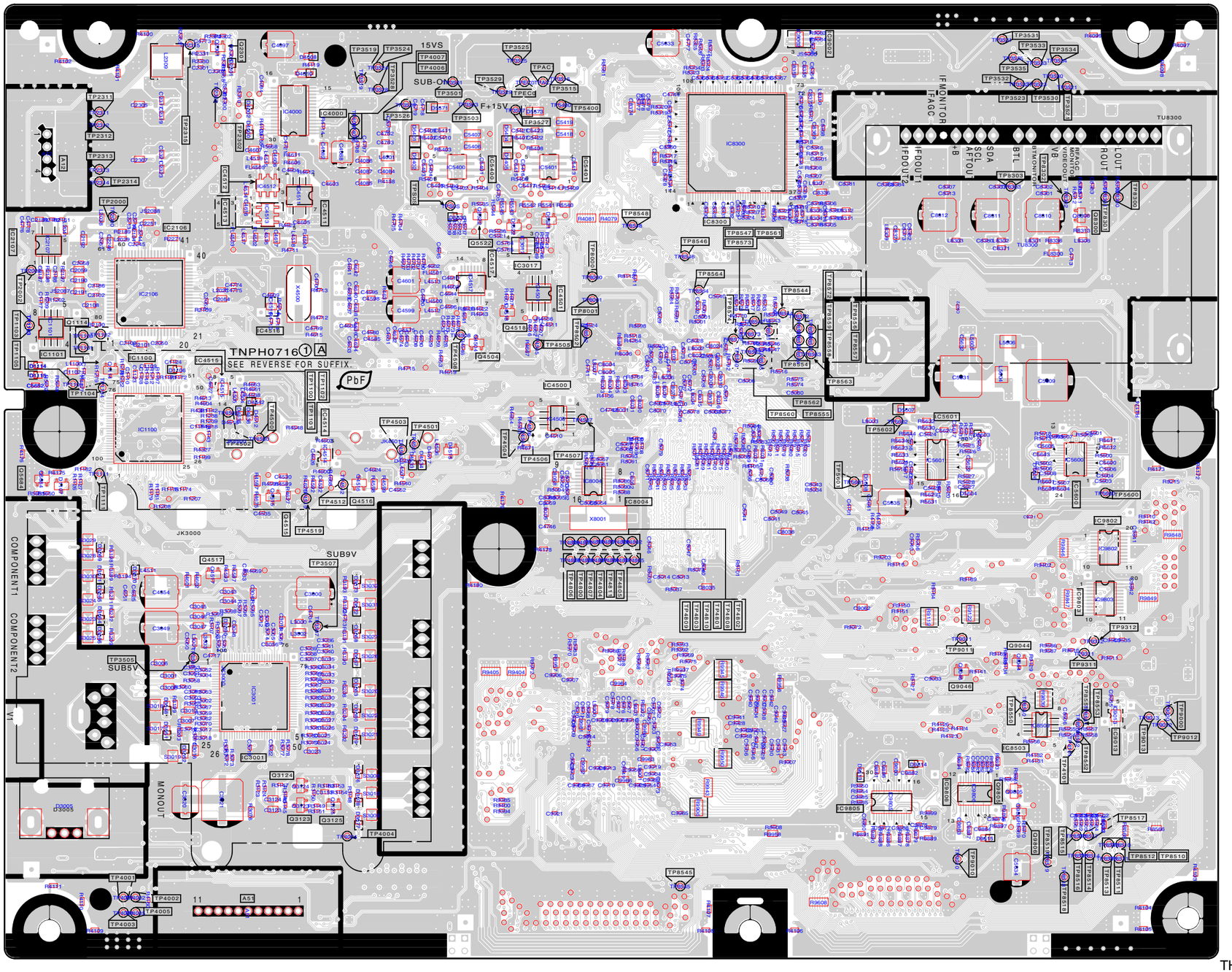


TH-42PX80U
G-BOARD TNPA4501S GS-BOARD TNPA4139ADS
GH-BOARD TNPA4505S K-BOARD TNPA4500S S-BOARD TNPA4499S

TH-42PX80U
G-BOARD TNPA4501S GS-BOARD TNPA4139ADS
GH-BOARD TNPA4505S K-BOARD TNPA4500S S-BOARD TNPA4499S

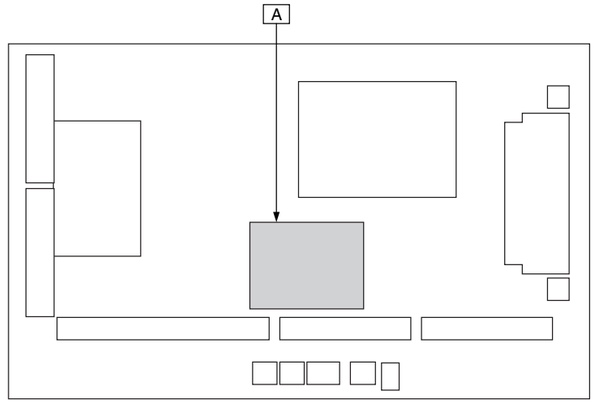
12.2. A-Board

A-BOARD (FOIL SIDE) TNPH0716ABS



TH-50PX80U
A-BOARD TNPH0716ABS

TH-50PX80U
A-BOARD TNPH0716ABS



Parts Location

A-BOARD (FOIL SIDE)

IC		TRANSISTOR		TEST POINT	
IC1100	B-4	Q1114	B-4	TP1100	C-4
IC1101	B-4	Q2301	C-6	TP1101	C-4
IC2106	B-5	Q3123	C-2	TP1102	C-4
IC2107	A-5	Q3124	C-2	TP1103	A-4
IC3001	C-2	Q3125	C-2	TP1104	B-4
IC3017	D-5	Q4504	D-4	TP1105	A-4
IC4000	C-6	Q4515	C-3	TP1111	B-3
IC4500	E-4	Q4516	C-3	TP2000	B-5
IC4501	E-5	Q4517	C-3	TP2002	A-5
IC4511	C-5	Q4518	D-4	TP2302	C-6
IC4512	C-5	Q5522	D-5	TP2311	B-6
IC4513	C-5	Q5684	A-4	TP2312	B-6
IC4514	C-4	Q8300	H-5	TP2313	B-5
IC4515	C-4	Q9044	G-3	TP2314	B-5
IC4516	C-5	Q9046	G-2	TP2315	B-6
IC4517	D-5	Q9805	G-2	TP3501	D-6
IC5400	D-5	Q9806	G-1	TP3503	D-6
IC5401	E-5			TP3505	B-2
IC5600	H-3			TP3507	C-3
IC5601	G-4			TP3515	E-6
IC8004	E-3			TP3519	C-6
IC8300	F-5			TP3521	H-6
IC8503	G-2			TP3523	G-6
IC9002	F-6			TP3524	D-6
IC9013	H-2			TP3525	D-6
IC9802	H-3			TP3526	D-6
IC9803	H-3			TP3527	D-6
IC9805	F-2			TP3528	D-6
IC9806	G-2			TP3529	D-6
				TP3530	G-6
				TP3531	G-6
				TP3532	G-6
				TP3533	G-6
				TP3534	H-6
				TP3535	G-6
				TP4001	B-1
				TP4002	B-1
				TP4003	B-1
				TP4004	D-1
				TP4005	B-1
				TP4006	D-6
				TP4007	D-6
				TP4101	H-2

TP4500	C-4	TP8519	H-1
TP4501	D-4	TP8544	F-5
TP4502	C-4	TP8545	E-1
TP4503	D-4	TP8546	E-5
TP4504	D-4	TP8547	F-5
TP4505	E-4	TP8548	E-5
TP4506	D-4	TP8550	G-2
TP4507	E-4	TP8551	H-2
TP4508	D-4	TP8552	H-2
TP4512	C-3	TP8553	H-2
TP4519	C-3	TP8554	F-4
TP4800	E-3	TP8555	F-4
TP4801	F-3	TP8556	F-4
TP4802	F-3	TP8557	F-4
TP4803	E-3	TP8558	F-4
TP4804	E-3	TP8559	F-4
TP4805	E-3	TP8560	F-4
TP4806	E-3	TP8561	F-5
TP4807	E-3	TP8562	F-4
TP4808	F-3	TP8563	F-4
TP4809	E-3	TP8564	E-5
TP4810	E-3	TP8572	F-5
TP4811	E-3	TP8573	F-5
TP5400	E-6	TP8574	F-5
TP5600	H-3	TP9000	H-2
TP5601	F-4	TP9010	G-1
TP5602	G-4	TP9011	G-3
TP8000	E-5	TP9012	H-2
TP8001	E-5	TP9013	H-2
TP8300	H-5	TP9311	H-2
TP8301	H-5	TP9312	H-3
TP8302	H-5		
TP8303	G-5	TPAC1	D-6
TP8502	E-4	TPEC0	D-6
TP8303	G-5	TPSOS	D-5
TP8502	E-4		
TP8510	H-1		
TP8511	H-1		
TP8512	H-1		
TP8513	H-1		
TP8514	H-1		
TP8515	H-1		
TP8516	H-1		
TP8517	H-1		
TP8518	H-1		

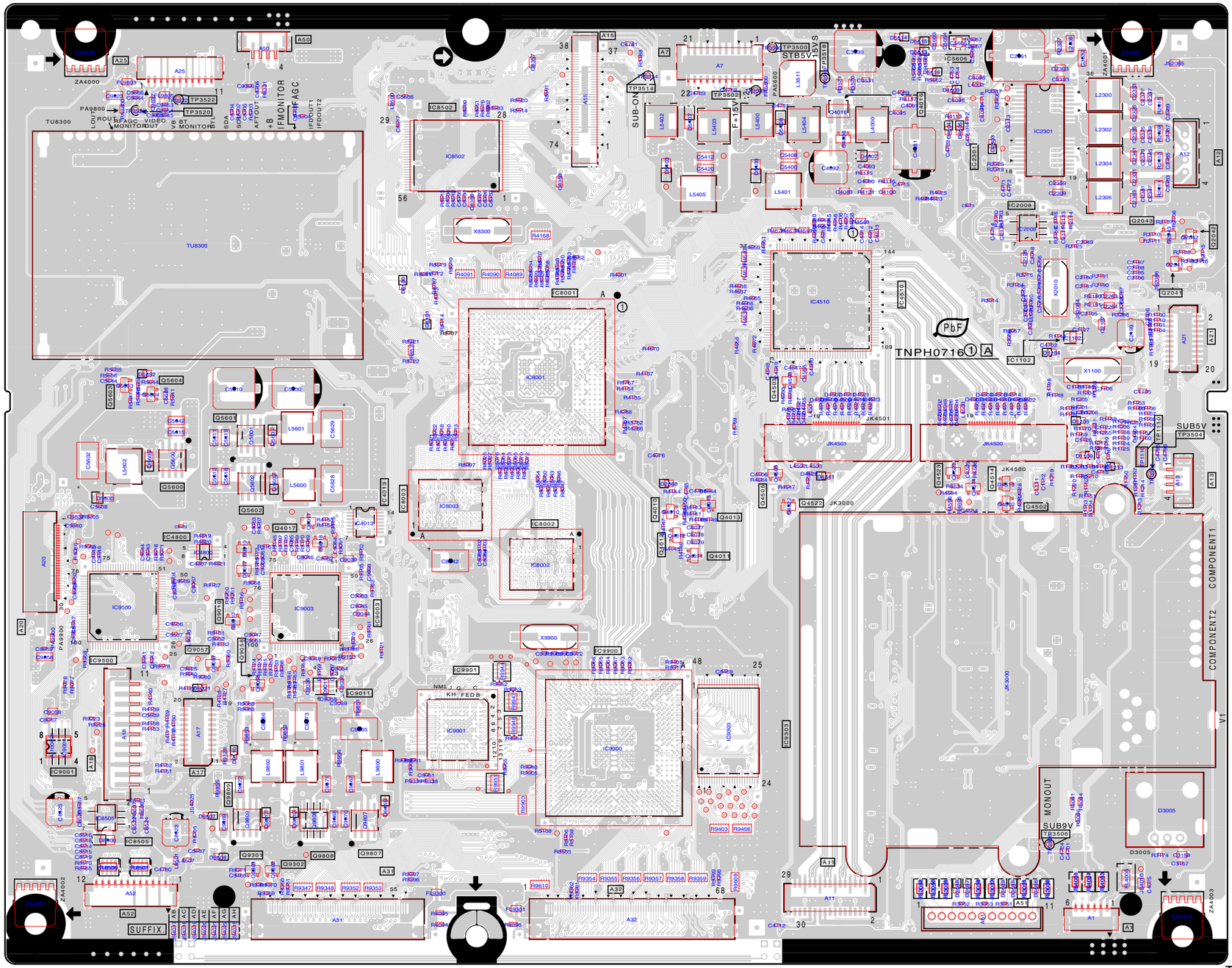
Parts Location

A-BOARD (COMPONENT SIDE)

IC		TRANSISTOR				TP	
IC1102	G-4	Q2041	H-5	Q9010	C-3	TP1110	H-4
IC2008	G-5	Q2042	H-5	Q9057	B-3	TP3500	F-6
IC2301	G-5	Q2043	H-5	Q9058	C-3	TP3502	F-6
IC4013	D-3	Q4010	E-3	Q9301	C-1	TP3504	H-4
IC4510	F-5	Q4011	E-3	Q9302	C-1	TP3506	G-1
IC4800	B-3	Q4012	E-3	Q9807	C-1	TP3514	E-6
IC5606	G-6	Q4013	F-3	Q9808	C-1	TP3518	F-6
IC8001	E-5	Q4016	G-6	Q9809	C-2	TP3520	B-6
IC8002	D-3	Q4017	C-3			TP3522	B-6
IC8003	D-3	Q4502	G-3				
IC8502	D-6	Q4503	F-4				
IC8505	B-1	Q4505	F-3				
IC9001	B-2	Q4514	G-4				
IC9003	C-3	Q4522	F-3				
IC9011	C-2	Q4523	G-4				
IC9303	F-2	Q5600	B-4				
IC9500	B-3	Q5601	C-4				
IC9900	E-2	Q5602	C-3				
IC9901	D-2	Q5603	B-4				
		Q5604	B-4				

TH-50PX80U
A-BOARD PARTS LOCATION

A-BOARD (COMPONENT SIDE) TNPH0716ABS



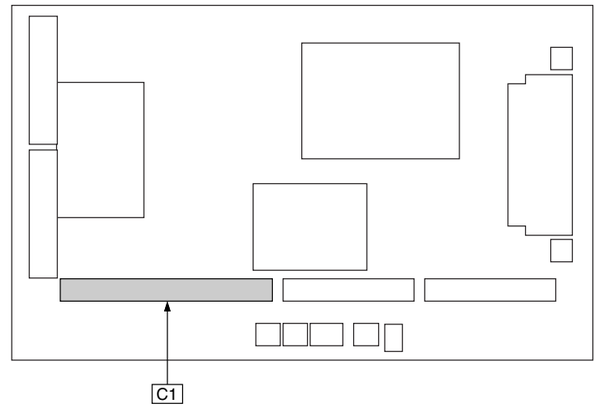
TH-50PX80U
A-BOARD TNPH0716ABS

TH-50PX80U
A-BOARD TNPH0716ABS

12.3. C1-Board

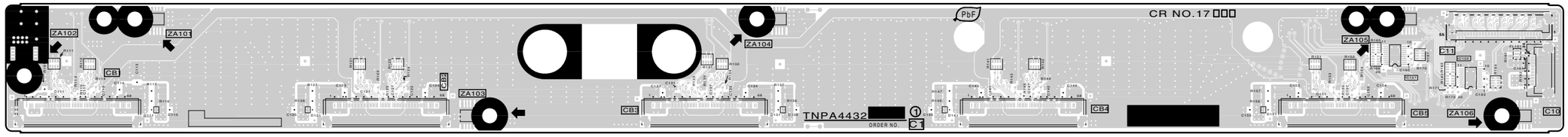
Parts Location

C1-BOARD	
IC	
IC17101	I-2
IC17102	I-2



C1-BOARD (FOIL SIDE)
TXNC11RQTU

C1-BOARD (COMPONENT SIDE)
TXNC11RQTU



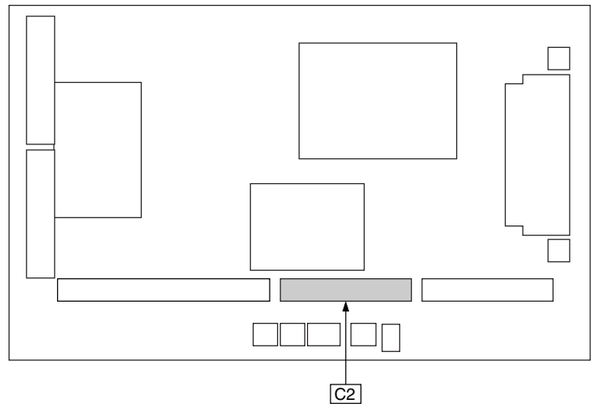
TH-50PX80U
C1-BOARD TXNC11RQTU

TH-50PX80U
C1-BOARD TXNC11RQTU

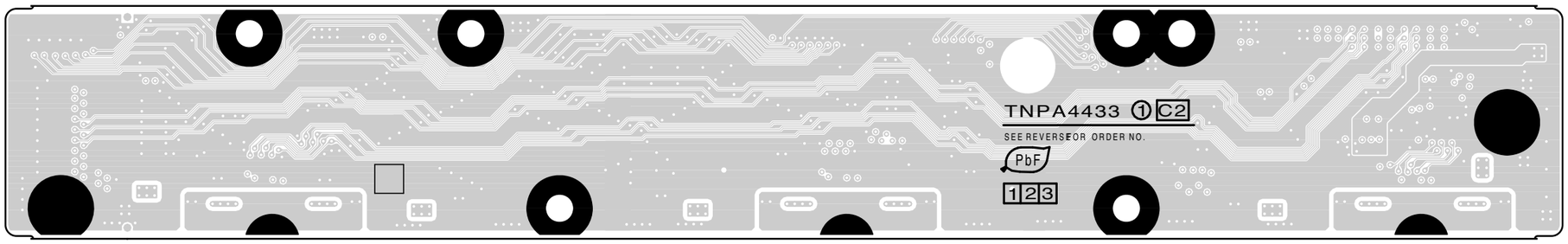
12.4. C2-Board

Parts Location

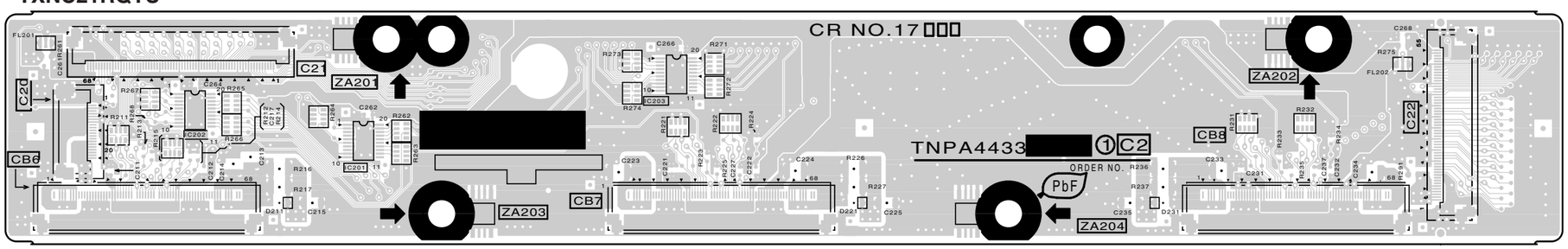
C2-BOARD	
IC	
IC17201	C-2
IC17202	B-2
IC17203	D-2



C2-BOARD (FOIL SIDE)
TXNC21RQTU



C2-BOARD (COMPONENT SIDE)
TXNC21RQTU



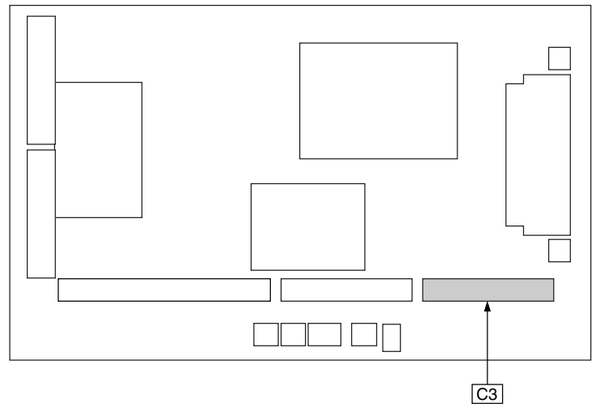
TH-50PX80U
C2-BOARD TXNC21RQTU

TH-50PX80U
C2-BOARD TXNC21RQTU

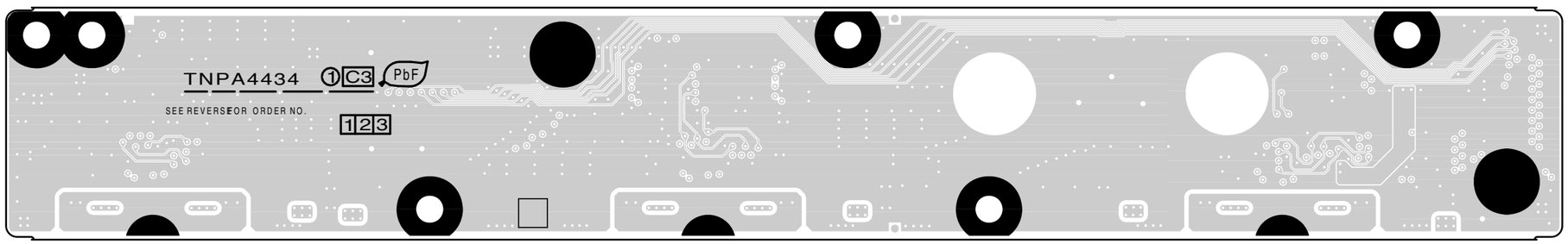
12.5. C3-Board

Parts Location

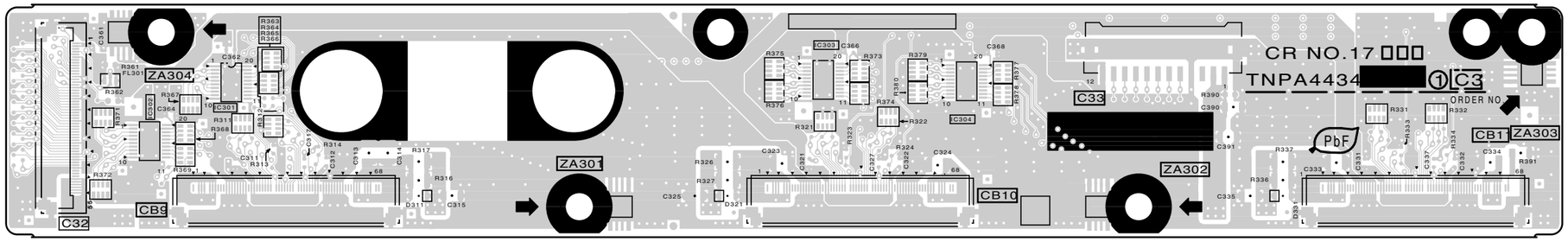
C3-BOARD	
IC	
IC17301	B-2
IC17302	B-2
IC17303	E-2
IC17304	F-2



C3-BOARD (FOIL SIDE)
TXNC31RQTU



C3-BOARD (COMPONENT SIDE)
TXNC31RQTU

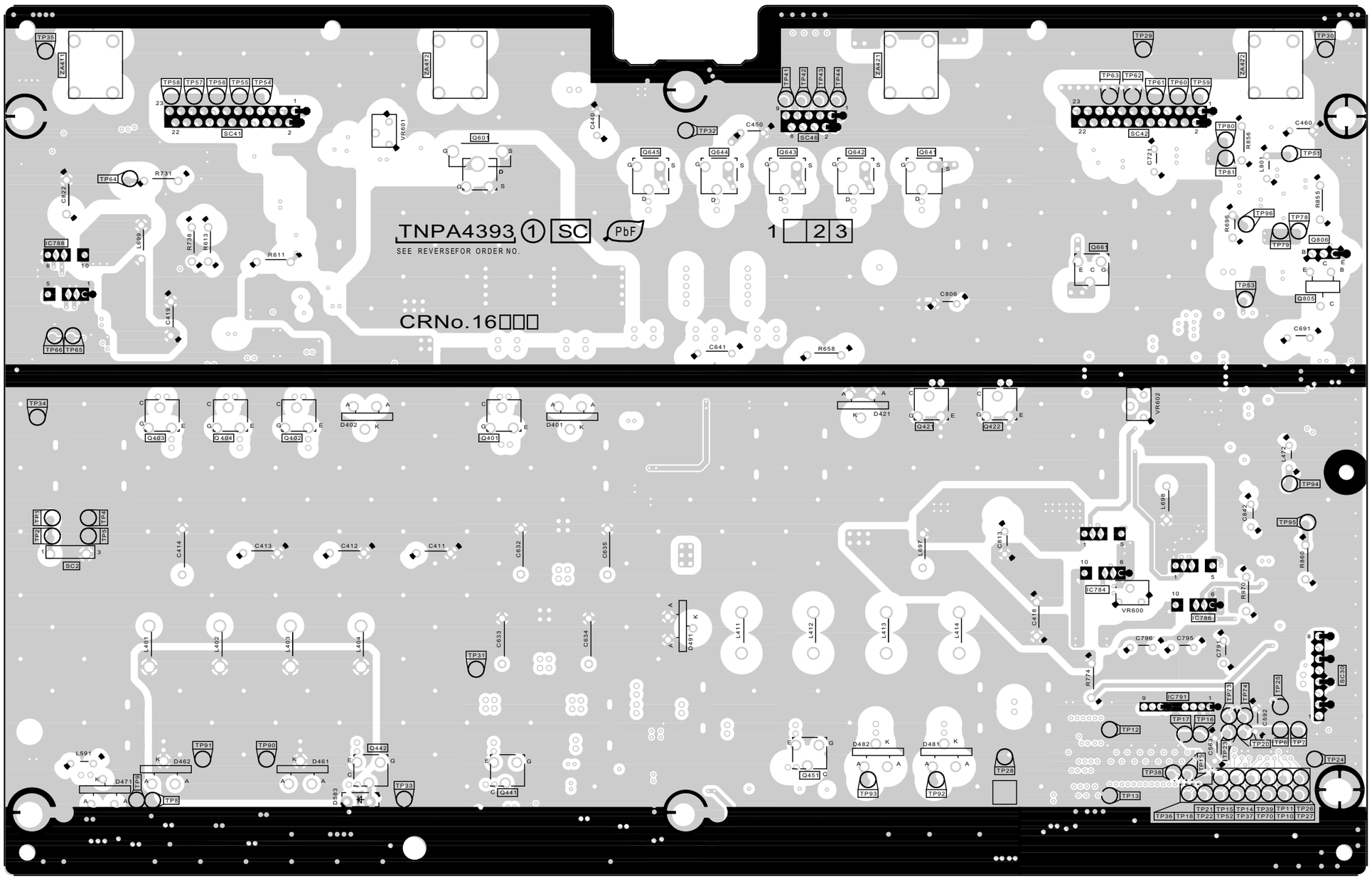


TH-50PX80U
C3-BOARD TXNC31RQTU

TH-50PX80U
C3-BOARD TXNC31RQTU

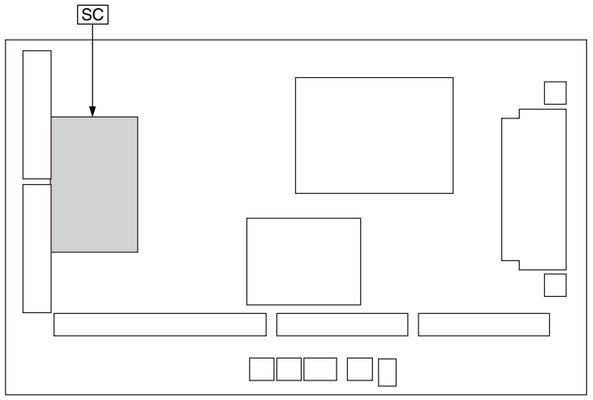
12.6. SC-Board

SC-BOARD (FOIL SIDE)
TXNSC1RQTUS



TH-50PX80U
SC-BOARD TXNSC1RQTUS

TH-50PX80U
SC-BOARD TXNSC1RQTUS



Parts Location

SC-BOARD (FOIL SIDE)

IC		TRANSISTOR		VOLUME	
IC16784	G-3	Q16401	D-4	VR16600	H-3
IC16786	H-2	Q16402	C-4	VR16601	C-5
IC16788	A-5	Q16403	B-4	VR16602	H-4
IC16791	H-2	Q16404	B-4		
		Q16421	F-4		
		Q16422	G-4		
		Q16441	D-1		
		Q16442	C-2		
		Q16451	F-2		
		Q16601	D-5		
		Q16641	F-5		
		Q16642	F-5		
		Q16643	F-5		
		Q16644	E-5		
		Q16645	E-5		
		Q16661	G-5		
		Q16805	I-4		
		Q16806	I-5		

TEST POINT		TEST POINT		TEST POINT	
TP1	A-3	TP39	H-1	TP78	I-5
TP2	A-3	TP41	F-6	TP79	I-5
TP4	A-3	TP42	F-6	TP80	H-5
TP5	A-3	TP43	F-6	TP81	H-5
TP6	I-2	TP44	F-6	TP90	B-2
TP7	I-2	TP51	I-5	TP91	B-2
TP8	B-1	TP52	H-1	TP92	F-1
TP9	B-1	TP53	H-4	TP93	F-1
TP10	I-1	TP54	B-6	TP94	I-3
TP11	I-1	TP55	B-6	TP95	I-3
TP12	H-2	TP56	B-6	TP96	H-5
TP13	H-1	TP57	B-6		
TP14	H-1	TP58	B-6		
TP15	H-1	TP59	H-6		
TP16	H-2	TP60	H-6		
TP17	H-2	TP61	H-6		
TP18	H-1	TP62	H-6		
TP19	H-1	TP63	H-6		
TP20	H-2	TP64	B-5		
TP21	H-1	TP65	A-4		
TP22	H-1	TP66	A-4		
TP23	H-2	TP70	H-1		
TP24	I-2	TP73	H-2		
TP25	I-2	TP74	H-2		
TP26	I-1				
TP27	I-1				
TP28	G-2				
TP29	H-6				
TP30	I-6				
TP31	D-2				
TP32	E-5				
TP33	C-1				
TP34	A-4				
TP35	A-6				
TP36	H-1				
TP37	H-1				
TP38	H-1				

Parts Location

SC-BOARD (COMPONENT SIDE)

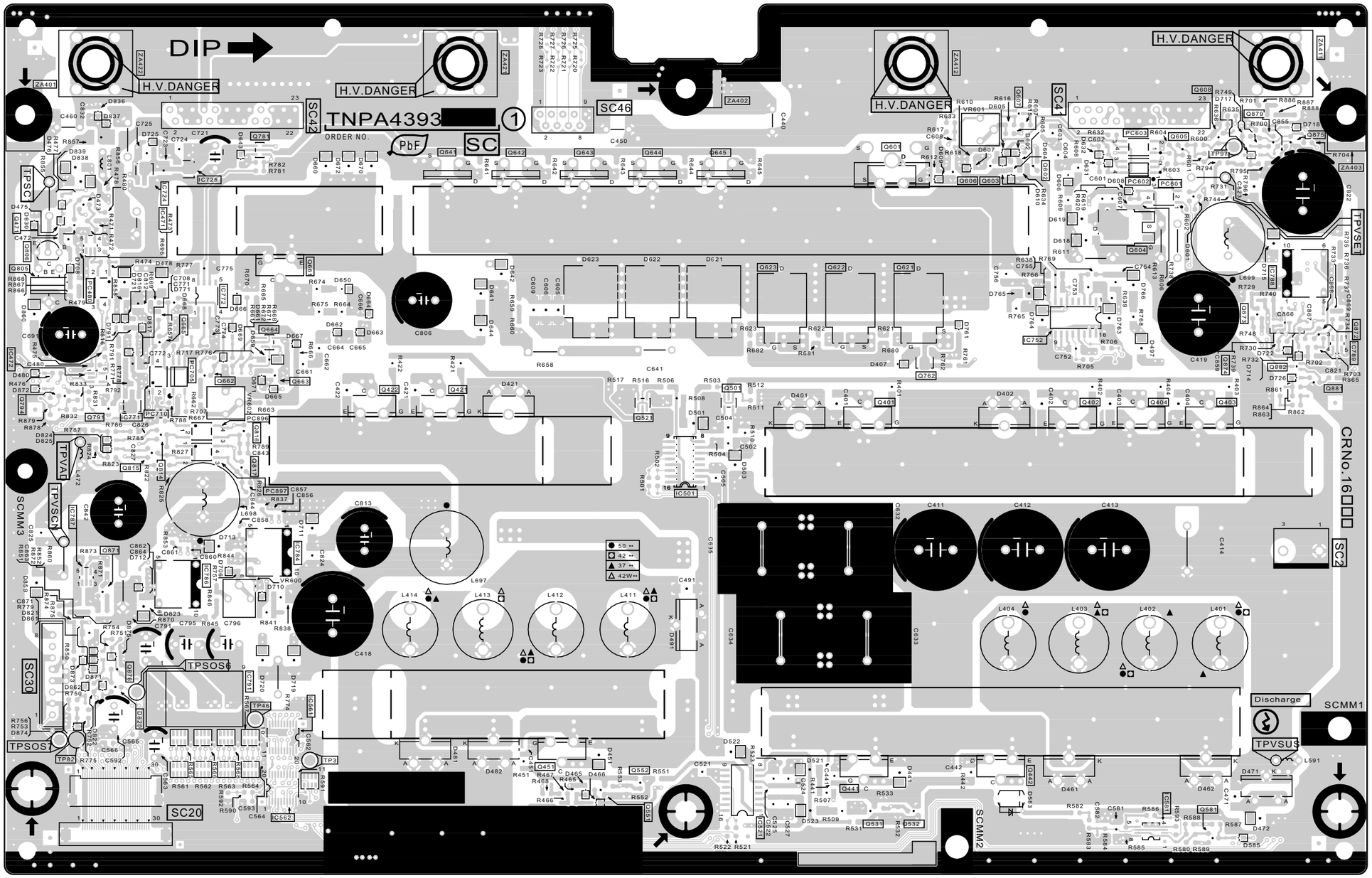
IC		PHOTO COUPLER		TRANSISTOR	
IC16471	B-5	PC16480	A-4	Q16401	F-4
IC16472	A-4	PC16601	H-5	Q16402	G-4
IC16501	E-3	PC16602	H-5	Q16403	H-4
IC16521	E-1	PC16603	H-5	Q16404	H-4
IC16561	C-2	PC16705	B-4	Q16421	D-4
IC16562	C-1	PC16710	B-4	Q16422	C-4
IC16581	H-1	PC16896	B-4	Q16441	F-1
IC16724	B-5	PC16897	B-3	Q16442	G-1
IC16725	B-5			Q16451	D-2
IC16752	G-4			Q16471	A-5
IC16771	B-4			Q16501	E-4
IC16772	B-4			Q16521	E-4
IC16784	C-3			Q16531	F-1
IC16786	B-3			Q16532	F-1
IC16787	A-3			Q16551	E-1
IC16788	I-4			Q16552	E-1
IC16789	I-4			Q16581	H-1
IC16791	B-2			Q16601	F-5
				Q16602	G-5
				Q16603	G-5
				Q16604	H-5
				Q16605	H-5
				Q16606	G-5
				Q16607	G-6
				Q16608	H-6

TEST POINT		TEST POINT		VOLUME	
TP3	C-2	TP97	H-5	VR16600	B-3
TP46	B-2	TPSC1	A-5	VR16601	G-5
TP82	A-2	TPSOS6	B-2	VR16602	B-4
		TPSOS7	A-2		
		TPVAD	A-3		
		TPVSCN	A-3		
		TPVSET	I-5		
		TPVSUS	I-2		

Q16621	F-4
Q16622	F-4
Q16623	F-4
Q16641	D-5
Q16642	D-5
Q16643	D-5
Q16644	E-5
Q16645	E-5
Q16661	C-5
Q16662	B-4
Q16663	C-4
Q16664	B-4
Q16665	B-4
Q16762	F-4
Q16781	B-5
Q16791	A-4
Q16794	A-4
Q16805	A-4
Q16806	A-5
Q16814	B-3
Q16815	B-3
Q16816	B-3
Q16817	B-3
Q16871	A-3
Q16872	I-4
Q16873	H-4
Q16874	H-4
Q16875	I-5
Q16876	B-2
Q16879	H-5
Q16881	I-4
Q16882	I-4

TH-50PX80U
SC-BOARD PARTS LOCATION

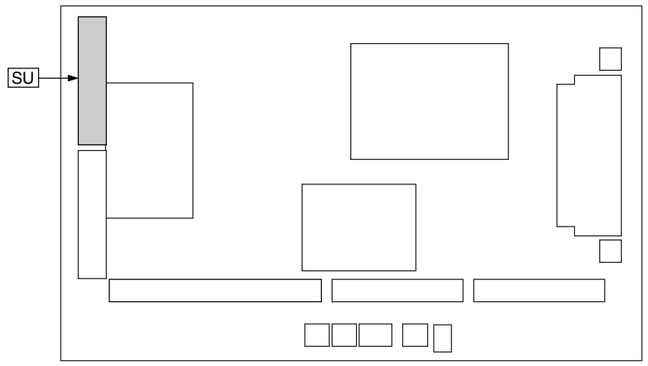
SC-BOARD (COMPONENT SIDE)
TXNSC1RQTUS



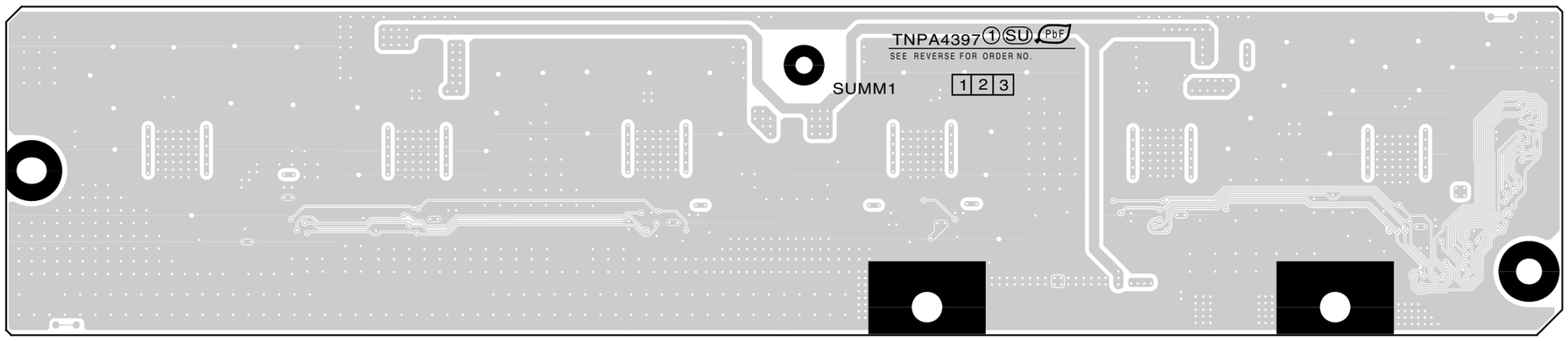
TH-50PX80U
SC-BOARD TXNSC1RQTUS

TH-50PX80U
SC-BOARD TXNSC1RQTUS

12.7. SU-Board



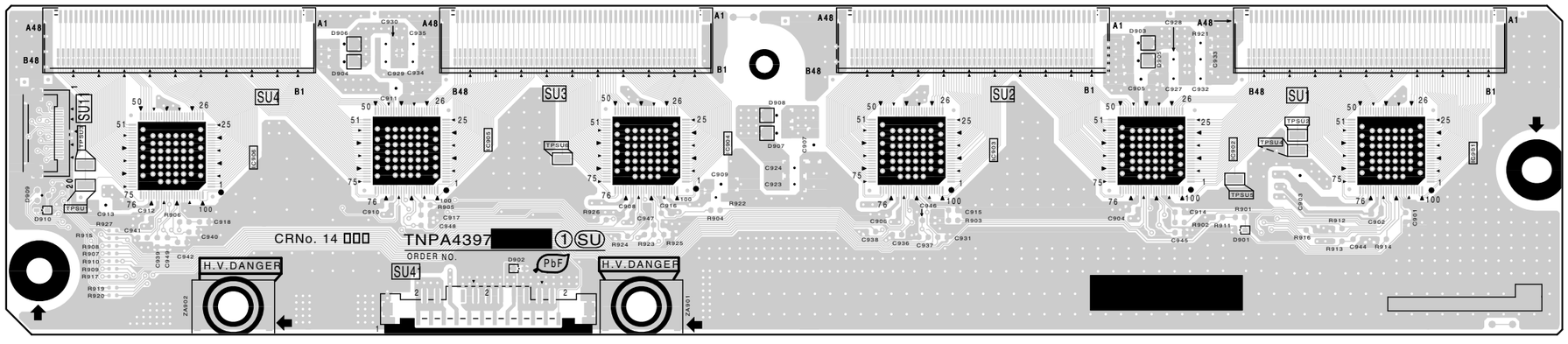
SU-BOARD (FOIL SIDE)
TXNSU1RQTU



Parts Location

SU-BOARD	
IC	
IC14901	H-2
IC14902	G-2
IC14903	E-2
IC14904	D-2
IC14905	C-2
IC14906	B-2
TEST POINT	
TPSU1	A-2
TPSU2	G-2
TPSU3	A-2
TPSU4	G-2
TPSU5	G-2
TPSU6	D-2

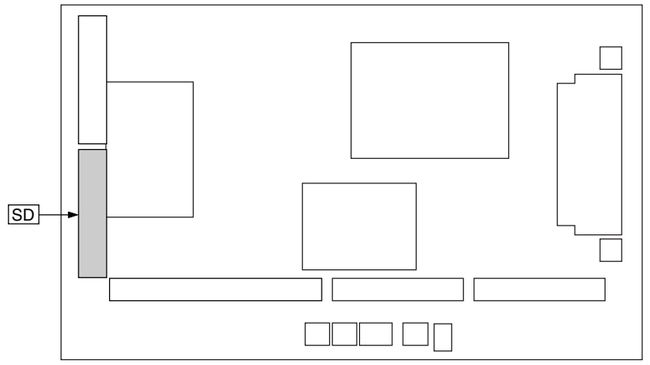
SU-BOARD (COMPONENT SIDE)
TXNSU1RQTU



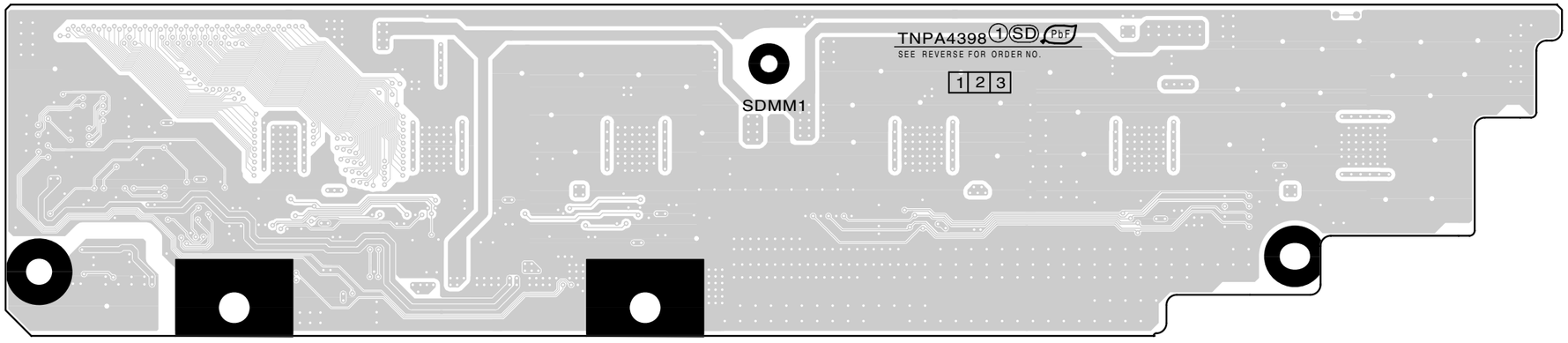
TH-50PX80U
SU-BOARD TXNSU1RQTU

TH-50PX80U
SU-BOARD TXNSU1RQTU

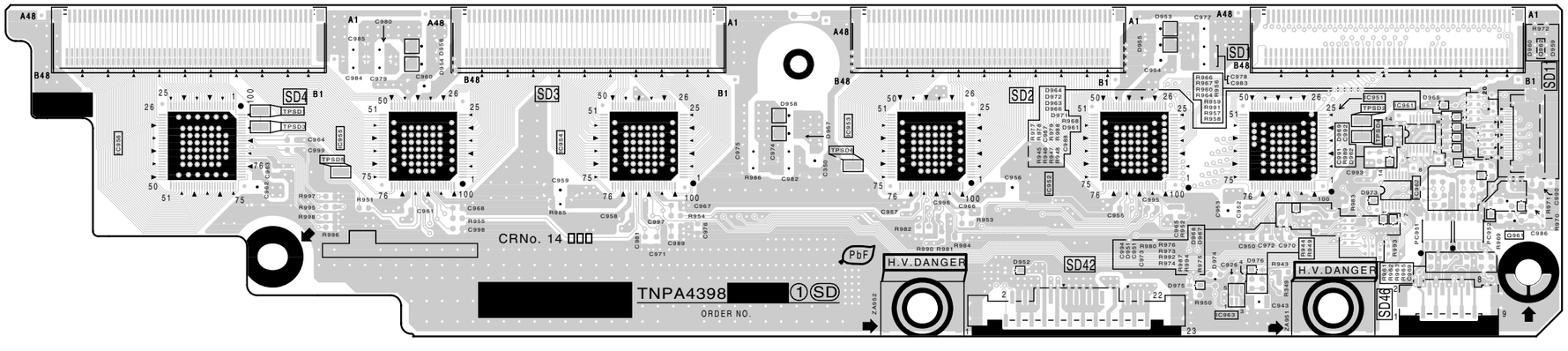
12.8. SD-Board



SD-BOARD (FOIL SIDE)
TXNSD1RQTU



SD-BOARD (COMPONENT SIDE)
TXNSD1RQTU



Parts Location

SD-BOARD	
IC	
IC14951	G-2
IC14952	F-2
IC14953	E-2
IC14954	D-2
IC14955	C-2
IC14956	B-2
IC14961	H-2
IC14962	H-2
IC14963	G-1
TRANSISTER	
Q14961	G-1
Q14962	G-2
TEST POINT	
TPSD1	B-2
TPSD2	H-2
TPSD3	B-2
TPSD4	H-2
TPSD5	B-2
TPSD6	E-2

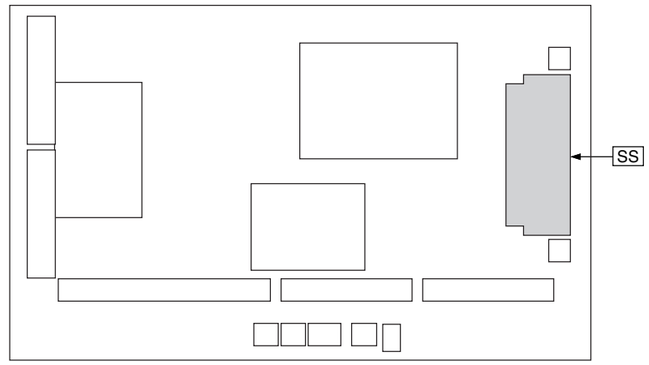
TH-50PX80U
SD-BOARD TXNSD1RQTU

TH-50PX80U
SD-BOARD TXNSD1RQTU

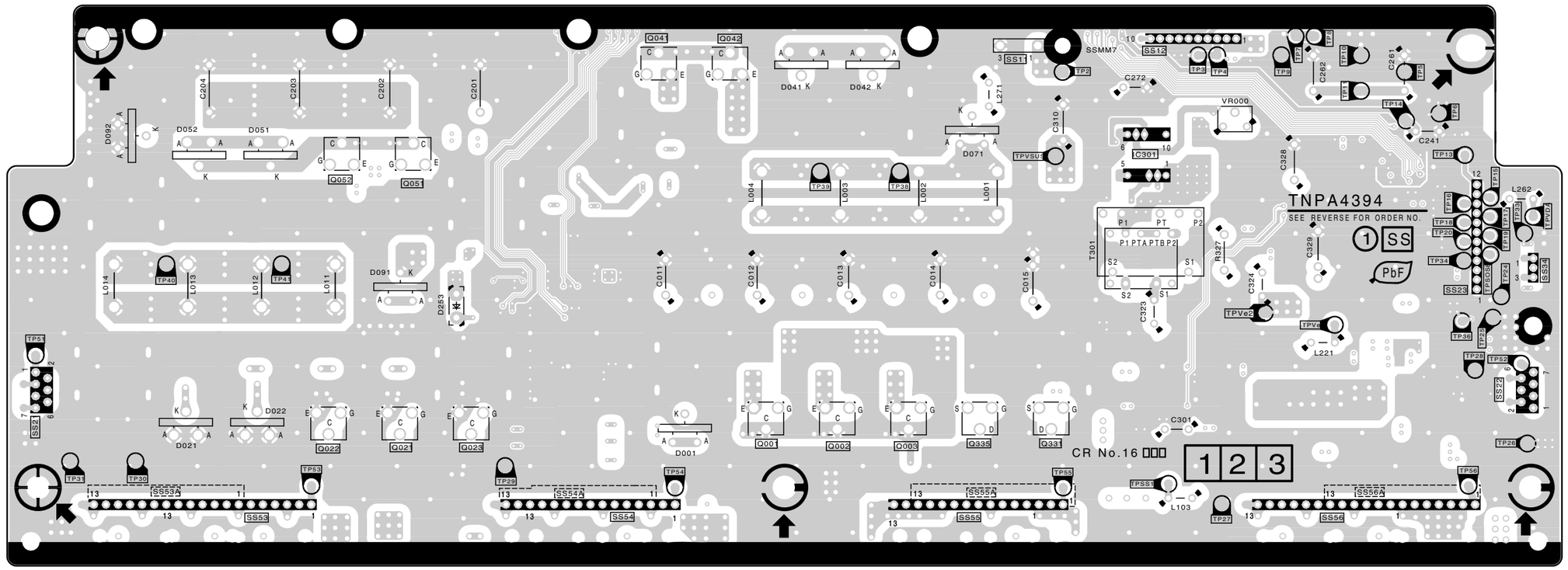
12.9. SS-Board

Parts Location

SS-BOARD (FOIL SIDE)							
IC		**TEST POINT**		TP25	I-2	TPSOS8	I-2
IC16301	G-3	TP2	G-4	TP26	I-2	TPSS1	G-1
TRANSISTOR		TP3	G-4	TP27	G-1	TPVDA	I-3
Q16001	E-2	TP4	G-4	TP28	I-2	TPVe	H-2
Q16002	E-2	TP5	H-4	TP29	C-1	TPVe2	H-2
Q16003	F-2	TP6	I-3	TP30	A-1	TPVSUS	F-3
Q16021	C-2	TP7	H-4	TP31	A-1	**VOLUME**	
Q16022	B-2	TP8	H-4	TP33	I-3	VR16000	H-3
Q16023	C-2	TP9	H-4	TP34	I-3		
Q16041	D-4	TP10	H-4	TP36	I-2		
Q16042	E-4	TP11	H-4	TP38	F-3		
Q16051	C-3	TP13	I-3	TP39	E-3		
Q16052	C-3	TP14	H-3	TP40	B-2		
Q16331	F-2	TP15	I-3	TP41	B-2		
Q16335	F-2	TP16	I-3	TP51	A-2		
		TP17	I-3	TP52	I-2		
		TP18	I-3	TP53	B-1		
		TP19	I-3	TP54	D-1		
		TP20	I-3	TP55	G-1		
		TP24	I-2	TP56	I-1		



SS-BOARD (FOIL SIDE)
TXNSS1RQTU

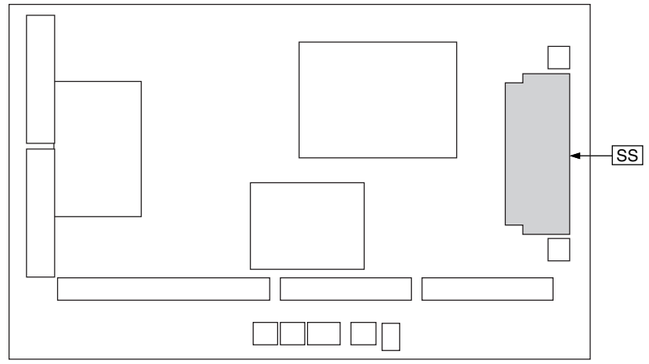


TH-50PX80U
SS-BOARD TXNSS1RQTU

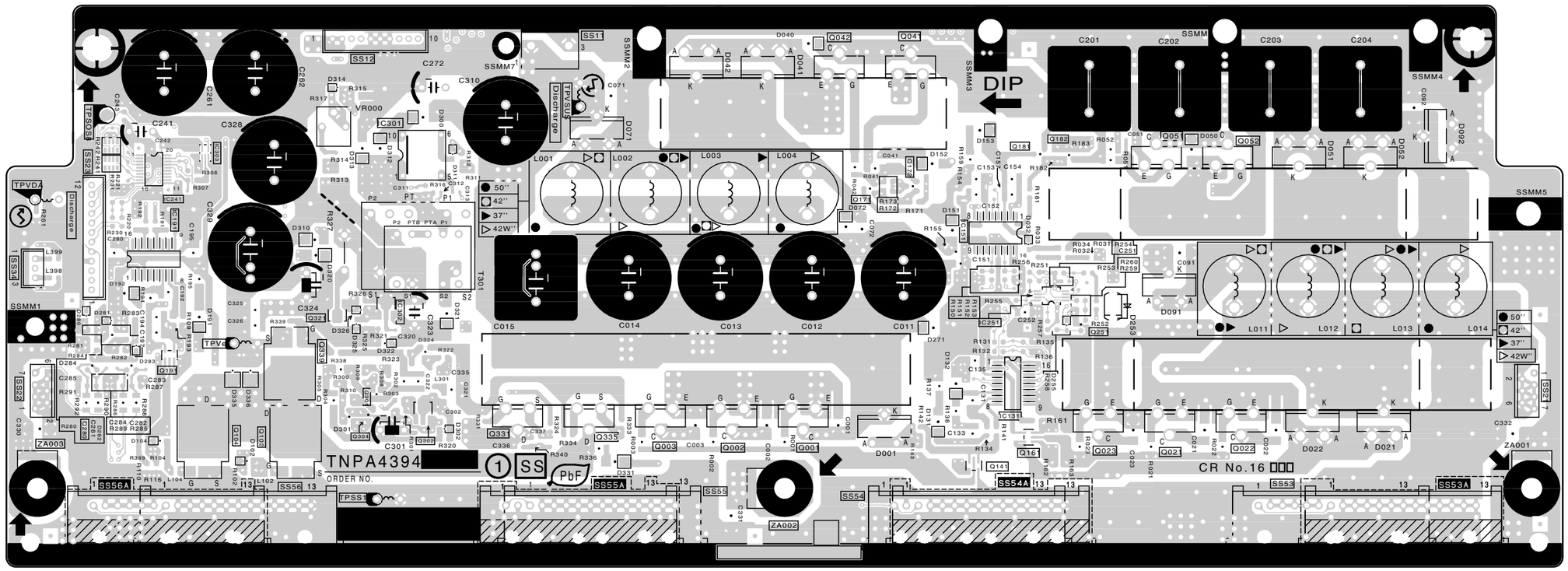
TH-50PX80U
SS-BOARD TXNSS1RQTU

Parts Location

SS-BOARD (COMPONENT SIDE)							
IC		**TRANSISTOR**		Q16181	F-3	**TEST POINT**	
IC16131	F-2	Q16001	E-2	Q16182	G-3	TPSOS8	A-3
IC16151	F-3	Q16002	E-2	Q16191	B-2	TPSS1	C-1
IC16191	B-3	Q16003	D-2	Q16251	G-2	TPVDA	A-3
IC16241	B-3	Q16021	G-2	Q16280	A-2	TPVe	B-2
IC16251	F-2	Q16022	H-2	Q16301	C-2	TPVSUS	D-3
IC16301	C-3	Q16023	G-2	Q16302	C-2		
IC16302	C-2	Q16041	F-4	Q16304	C-2	**VOLUME**	
IC16303	B-3	Q16042	E-4	Q16321	B-2	VR16000	C-3
		Q16051	G-3	Q16331	C-2		
		Q16052	H-3	Q16335	D-2		
		Q16102	B-2	Q16339	B-2		
		Q16104	B-2				
		Q16141	F-1				
		Q16161	F-2				
		Q16171	E-3				
		Q16172	F-3				



SS-BOARD (COMPONENT SIDE)
TXNSS1RQTU

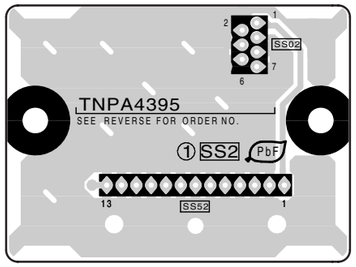


TH-50PX80U
SS-BOARD TXNSS1RQTU

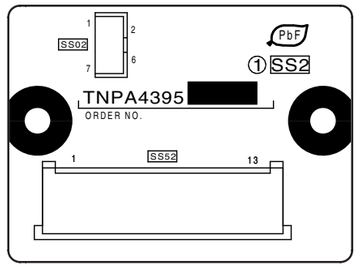
TH-50PX80U
SS-BOARD TXNSS1RQTU

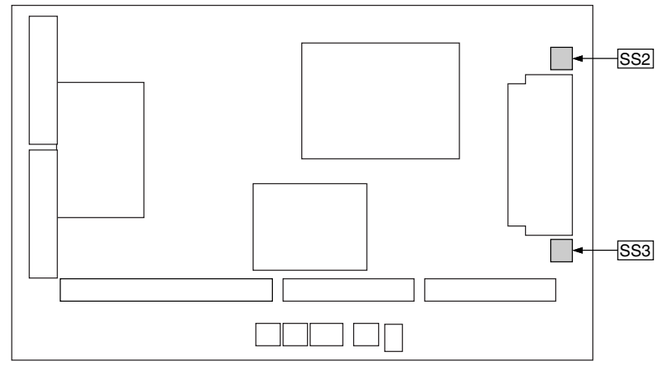
12.10. SS2 and SS3-Board

SS2-BOARD (FOIL SIDE)
TNPA4395S

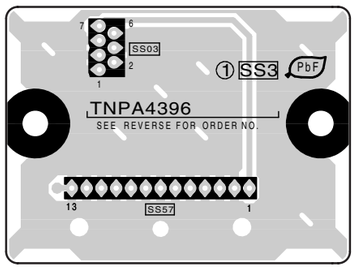


SS2-BOARD (COMPONENT SIDE)
TNPA4395S

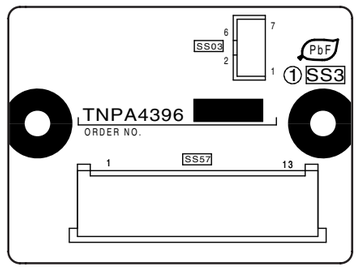




SS3-BOARD (FOIL SIDE)
TNPA4396S



SS3-BOARD (COMPONENT SIDE)
TNPA4396S



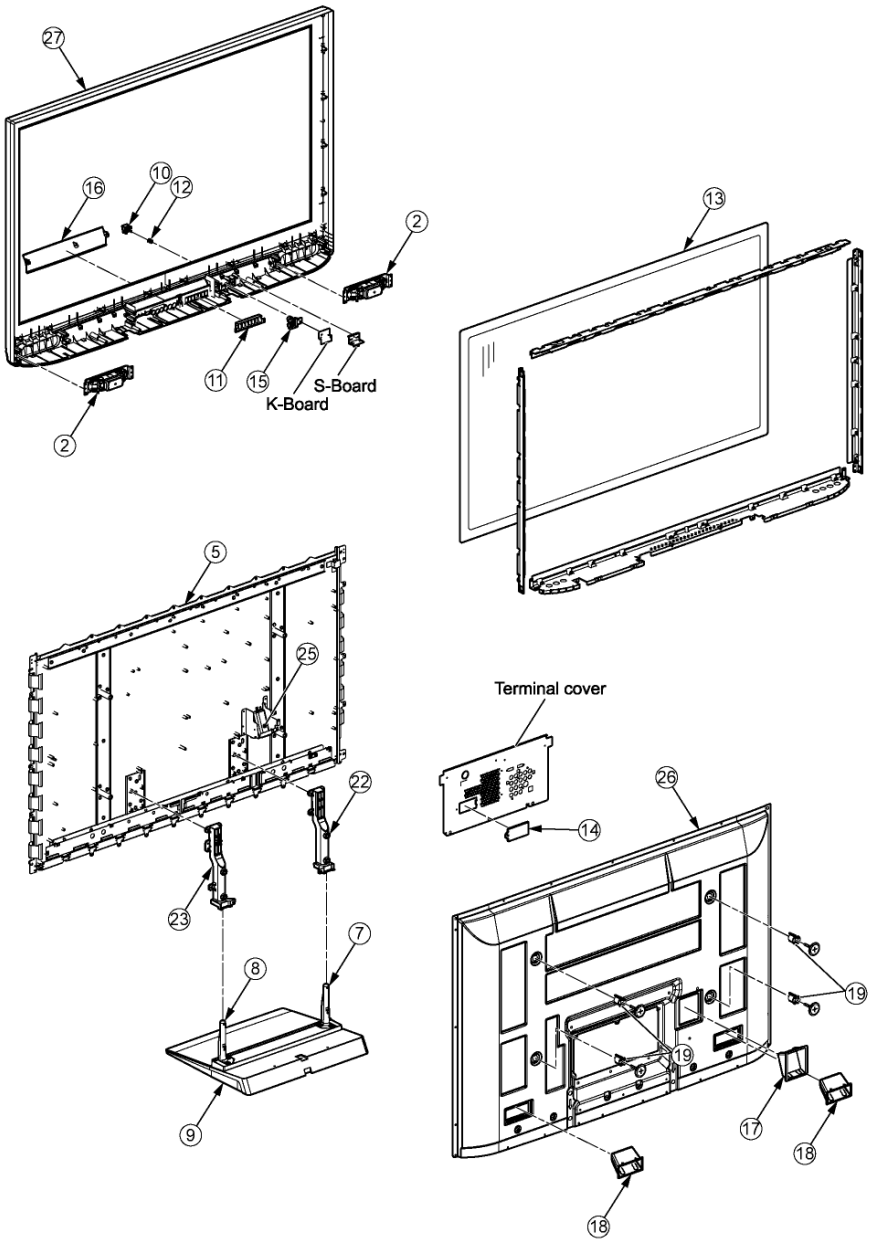
TH-50PX80U
SS2-BOARD TNPA4395S
SS3-BOARD TNPA4396S

TH-50PX80U
SS2-BOARD TNPA4395S
SS3-BOARD TNPA4396S

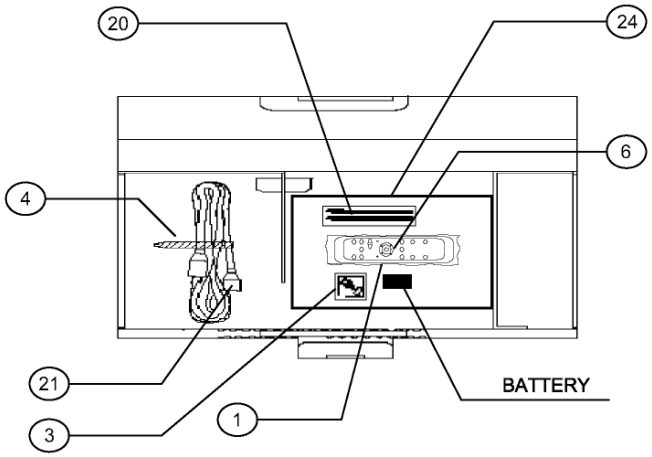
13 Exploded View and Replacement Parts List

13.1. Exploded View and Mechanical Replacement Parts List

13.1.1. Exploded View



13.1.2. Accessories



13.1.3. Mechanical Replacement Parts List

Note: Important Safety Notice
Components identified by ⚠ mark have special characteristics **important for safety**.
When replacing any of these components, use only manufacturer's specified parts.

Note: All parts except parts mentioned [PAVCA] in the Remarks column are supplied by PAVC-CSG.
Parts mentioned [PAVCA] are supplied by PAVCA.

Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
	1	10030-0042000	BATTERY COVER	1	PAVCA
	2	EAS16S06A	SPEAKER (PED)	2	
	3	K1RYYYA00016	F-TYPE (5C)	1	
⚠	4	K2CG3YY00029	AC CORD	1	PAVCA
⚠	5	MD50H11A1J	PLASMA DISPLAY PANEL	1	
	6	N2QAYB000221	REMOTE CONTROL	1	PAVCA
	7	TBLA3614	STAND POLE LEFT	1	
	8	TBLA3615	STAND POLE RIGHT	1	
	9	TBLX0037	PEDESTAL STAND	1	PAVCA
	10	TBX2AA4602	POWER BUTTON	1	PAVCA
	11	TBX2AA4702	CONTROL BUTTON	1	PAVCA
	12	TES2AA0191	POWER BUTTON SPRING	1	PAVCA
		THEC1179	PLASTIC SCREW	4	
		THEJ016J	SCREW	4	
		THEL0429	SCREW	17	
		THEL060N	SCREW(STAND-TV)	4	
		THTF011N	SCREW	73	
	13	TKGA5427S	FRONT GLASS	1	PAVCA
	14	TKK2AA7701	ADJUSTMENT COVER	1	PAVCA
	15	TKK2AA8301	LED PANEL	1	PAVCA
	16	TKP2AA6102	DOOR	1	PAVCA
⚠	17	TKP2AA7901	INLET COVER	1	PAVCA
⚠	18	TKR2AA00161	REAR COVER HANDLE	2	PAVCA
		TMM16473-1	CLAMPER	1	
	19	TMM2AX0111	M8 SPACER	4	PAVCA
		TMME088	CLAMPER	2	
		TMME260	CLAMPER	1	
		TMME287	CLAMPER	7	
		TMME287	CLAMPER	6	
	20	TMME289	CLAMPER	2	
		TMME292	CLAMPER	7	
		TMME305	CLAMPER	1	
		TMMX214	BC HOOK LEFT	1	PAVCA
		TMMX215	BC HOOK RIGHT	1	PAVCA
	21	TMXX041	AC CORD CLAMPER	2	
	22	TMZX5135	STAND BRACKET LEFT	1	PAVCA
	23	TMZX5136	STAND BRACKET RIGHT	1	PAVCA
		TPD169487	JOINT	4	
		TPEB331	BAG (PEDESTAL STAND)	1	
		TPEH273	TOP PROTECT SHEET(TOP/BOT	2	
⚠	24	TQB2AA0772	INSTRUCTION BOOK(ENG/FRE/SPA)	1	PAVCA
		TQZH983	SCREW USE HANDBILL	1	
		TSXL518	CABLE(C22-C32)	1	

Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
		TSXL519	CABLE(C10-C20/SU11-SD11)	2	
		TSXL663	CABLE(A20-SC20)	1	PAVCA
		TSXL664	CABLE(C11-A31)	1	PAVCA
		TSXL665	CABLE(C21-A32)	1	PAVCA
⚠	25	TXALK01RQTU	AC INLET ASSY	1	PAVCA
⚠	26	TXFKU03TSER	REAR COVER	1	PAVCA
⚠	27	TXFKY03TSER	CABINET ASSY	1	PAVCA
		TXJA12RRTU	SPEAKER LEAD(A12-SPL/SPR)	1	PAVCA
		TXJSWRRQTU	SPEAKER LEAD(SP-SPR/L RELAY)	2	PAVCA
		XSB3+6FJ	SCREW (LCD MTG)	2	
		XTB4+12GFJ	SCREW	42	
		XTB4+12GFJK	SCREW	21	
		XTW3+10TFJ	SCREW	7	
		XYN3+F8FJ	SCREW	16	
		XYN3+J12FJ	SCREW	35	
		XYN4+E8FJ	SCREW	1	
		XYN4+F10FJ	SCREW	16	
		XYN4+F30FJK	SCREW (BC TOP6 SIDE6: AL)	6	
		XYN5+C15FJ	SCREW	6	
		XYN5+F18FN	SCREW(FOR STAND POLE)	4	
		XZB17X19C03	POLY BAG	1	

13.2. Electrical Replacement Parts List

13.2.1. Replacement Parts List Notes

Important Safety Notice

Components identified by ⚠ mark have special characteristics important for safety.
When replacing any of these components, use only manufacturer's specified parts.

RTL (Retention Time Limited)

Note: The marking (RTL) indicates that the Retention Time is Limited for this item. After the discontinuation of this assembly in production, the item will continue to be available for a specific period of time. The retention period of availability is dependant on the type of assembly, and in accordance with the laws governing part and product retention. After the end of this period, the assembly will no longer be available.

Abbreviation of part name and description

1. Resistor

Example:

ERD25TJ104 C 100KOHM, J, 1/4W

Type Allowance

2. Capacitor

Example:

ECKF1H103ZF C 0.01UF, Z, 50V

Type Allowance

Type	Allowance
C : Carbon	F : ±1%
F : Fuse	G : ±2%
M : Metal Oxide	J : ±5%
Metal FIlm	K : ±10%
S : Solid	M : ±20%
W : Wire Wound	

Type	Allowance
C : Ceramic	C : ±0.25pF
E : Electrolytic	D : ±0.5pF
P : Polyester	F : ±1pF
Polyprop	G : ±3pF
lene	J : ±5pF
T : Tantalum	K : ±10pF
	L : ±15pF
	M : ±20pF
	P : +100%, -0%
	Z : +80%, -20%

13.2.2. Electrical Replacement Parts List

Note: All parts except parts mentioned [PAVCA] in the Remarks column are supplied by PAVC-CSG. Parts mentioned [PAVCA] are supplied by PAVCA.

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	A1	K1KA06A00508	6P CONNECTOR	1	
	A7	K1KY22A00003	22P CONNECTOR	1	PAVCA
	A11	K1KA30AA0009	30P CONNECTOR	1	
	A12	K1KA04AA0190	4P CONNECTOR	1	
	A17	K1KA20AA0009	20P CONNECTOR	1	
	A18	K1KA11AA0715	11P CONNECTOR	1	
	A20	K1MN30BA0255	30P CONNECTOR	1	
	A25	K1KA11A00178	11P CONNECTOR	1	
	A31	K1MN55BA0266	55P CONNECTOR	1	
	A32	K1MN68BA0266	68P CONNECTOR	1	
	A51	K1KA11AA0194	11P CONNECTOR	1	
	A52	K1KA12A00317	12P CONNECTOR	1	
	C10	K1MN20BA0231	20P CONNECTOR	1	
	C11	K1MN55BA0266	55P CONNECTOR	1	
	C20	K1MN20BA0266	20P CONNECTOR	1	PAVCA
	C21	K1MN68BA0266	68P CONNECTOR	1	
	C22	K1MN55BA0266	55P CONNECTOR	1	
	C32	K1MN55BA0266	55P CONNECTOR	1	
	C33	K1KA12BA0107	12P CONNECTOR	1	
	C1102	F1J1A106A043	C 0.010UF, K, 10V	1	
	C1103,04	F1G1C104A116	C 0.10UF, K, 16V	2	
	C1106	F1G1H270A731	E 27UF, 50V	1	
	C1107	F1G1H180A731	E 18UF, 50V	1	
	C1108	F1G1C104A116	C 0.10UF, K, 16V	1	
	C1109	F1H1A1050032	E 10UF, 50V	1	
	C1111	F1H1A1050032	E 10UF, 50V	1	
	C1112	F1G1C104A116	C 0.10UF, K, 16V	1	
	C1114	F1G1C104A116	C 0.10UF, K, 16V	1	
	C1117	F1G1C104A116	C 0.10UF, K, 16V	1	
	C1122	F1G1E103A123	C 0.010UF, K, 16V	1	
	C1123	F1H1A1050032	E 10UF, 50V	1	
	C1127	F1G1C104A116	C 0.10UF, K, 16V	1	
	C2023	F1G1C104A116	C 0.10UF, K, 16V	1	
	C2048-50	F1G1C104A116	C 0.10UF, K, 16V	3	
	C2052,53	F1G1C104A116	C 0.10UF, K, 16V	2	
	C2054	F1J1A106A043	C 0.010UF, K, 10V	1	
	C2055	F1G1H150A731	E 15UF, 50V	1	
	C2056	F1G1H120A731	E 12UF, 50V	1	
	C2058	F1G1C104A116	C 0.10UF, K, 16V	1	
	C2059	F1J1A106A043	C 0.010UF, K, 10V	1	
	C2100	F1G1C104A116	C 0.10UF, K, 16V	1	
	C2101	F1J1A106A043	C 0.010UF, K, 10V	1	
	C2105,06	F1G1C104A116	C 0.10UF, K, 16V	2	
	C2107,08	F1J1A106A043	C 0.010UF, K, 10V	2	
	C2111	F1H0J2250008	C 2.2UF, K, 16V	1	
	C2116	F1G1H471A731	E 470UF, 50V	1	
	C2118	F1H1A1050032	E 10UF, 50V	1	
	C2126	F1J1A106A043	C 0.010UF, K, 10V	1	
	C2180,81	F1G1E103A123	C 0.010UF, K, 16V	2	
	C2186	F1G1C104A116	C 0.10UF, K, 16V	1	
	C2187	F1H0J2250008	C 2.2UF, K, 16V	1	
	C2188	F1G1H471A731	E 470UF, 50V	1	
	C2189	F1H1A1050032	E 10UF, 50V	1	
	C2190	F1J1A106A043	C 0.010UF, K, 10V	1	

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	C2192	F1J1A106A043	C 0.010UF, K, 10V	1	
	C2195-98	F1G1E103A123	C 0.010UF, K, 16V	4	
	C2213	F1G1H102A730	E 1000UF, 50V	1	
	C2216	F1G1C104A116	C 0.10UF, K, 16V	1	
	C2244	F1G1C104A116	C 0.10UF, K, 16V	1	
	C2245	F1G1H102A730	E 1000UF, 50V	1	
	C2251	F1J1A106A043	C 0.010UF, K, 10V	1	
	C2263,64	F1J1A106A043	C 0.010UF, K, 10V	2	
	C2301,02	F1G1C104A116	C 0.10UF, K, 16V	2	
	C2303	F1J1E105A171	E 1 UF 25V	1	
	C2305	F1J1E105A171	E 1 UF 25V	1	
	C2307	F1J1E105A171	E 1 UF 25V	1	
	C2309	F1J1E105A171	E 1 UF 25V	1	
	C2313	F1H1A1050032	E 10UF, 50V	1	
	C2317	ECJ1XB1H104K	C 10PF, J, 50V	1	
	C2319	ECJ1XB1H104K	C 10PF, J, 50V	1	
	C2321	ECJ1XB1H104K	C 10PF, J, 50V	1	
	C2323	ECJ1XB1H104K	C 10PF, J, 50V	1	
	C2333	F1J1E3340003	C 0.33UF, Z, 25V	1	
	C2335	F1J1E3340003	C 0.33UF, Z, 25V	1	
	C2337	F1H1H223A970	C 0.22UF, K, 50V	1	
	C2339	F1H1H223A970	C 0.22UF, K, 50V	1	
	C2341	F1J1E3340003	C 0.33UF, Z, 25V	1	
	C2343	F1J1E3340003	C 0.33UF, Z, 25V	1	
	C2345	F1H1H223A970	C 0.22UF, K, 50V	1	
	C2347	F1H1H223A970	C 0.22UF, K, 50V	1	
	C2353	ECJ1XB1H104K	C 10PF, J, 50V	1	
	C2359	ECJ1XB1H104K	C 10PF, J, 50V	1	
	C2361	EEEFG1E471P	E 470UF, 25V	1	
	C2375	F1H1H223A970	C 0.22UF, K, 50V	1	
	C2377	F1H1H223A970	C 0.22UF, K, 50V	1	
	C2379	F1H1H223A970	C 0.22UF, K, 50V	1	
	C2381	F1H1H223A970	C 0.22UF, K, 50V	1	
	C2383	F1G1H102A730	E 1000UF, 50V	1	
	C2385	F1G1H102A730	E 1000UF, 50V	1	
	C2387	F1G1H102A730	E 1000UF, 50V	1	
	C2389	F1G1H102A730	E 1000UF, 50V	1	
	C2512	ECJ3XB0J106M	C 10UF, M,6.3V	1	
	C2515	F1H1H103A970	C 0.001UF, K, 50V	1	
	C2521	F1H1H103A970	C 0.001UF, K, 50V	1	
	C3001	F1J1A106A043	C 0.010UF, K, 10V	1	
	C3006-08	F1J1A106A043	C 0.010UF, K, 10V	3	
	C3010,11	ECJ0EB1C103K	C 0.010UF, K, 16V	2	
	C3013	F1J1A106A043	C 0.010UF, K, 10V	1	
	C3015,16	F1J1A106A043	C 0.010UF, K, 10V	2	
	C3017	F1G1C104A116	C 0.10UF, K, 16V	1	
	C3019	F1G1C104A116	C 0.10UF, K, 16V	1	
	C3020	EEEHB1C220R	C 22PF, J, 16V	1	
	C3021	F2G1A221A149	E 220UF, 10V	1	
	C3022	F1G1C104A116	C 0.10UF, K, 16V	1	
	C3023	F1J1A106A043	C 0.010UF, K, 10V	1	
	C3024-35	F1H1A1050032	E 10UF, 50V	12	
	C3042-47	F1J1A106A043	C 0.010UF, K, 10V	6	
	C3049	F2G1A101A019	E 100UF, 10V	1	

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	C3050	F1G1C104A116	C 0.10UF, K, 16V	1	
	C3123,24	F1J1A106A043	C 0.010UF, K, 10V	2	
	C3157	F1G1C104A081	C 0.10UF, K, 16V	1	
	C3532	ECJ3YB1E106M	C 10 UF, K, 25V	1	
	C3750	F1J1H102A721	E 1000UF, 50V	1	
	C3801,02	F1G1C104A116	C 0.10UF, K, 16V	2	
	C3803	F1H1A1050032	E 10UF, 50V	1	
	C3804	F1G1C104A116	C 0.10UF, K, 16V	1	
	C3806-12	F1G1C104A116	C 0.10UF, K, 16V	7	
	C3813	F1J0J106A004	C 0.010UF, K, 16V	1	
	C3814	F1G1C104A116	C 0.10UF, K, 16V	1	
	C3815-20	ECJ0EB1C103K	C 0.010UF, K, 16V	6	
	C3823	F1G1C104A116	C 0.10UF, K, 16V	1	
	C3828	F1H0J4750004	C 4.7UF, K, 16V	1	
	C3829	F1H1A1050032	E 10UF, 50V	1	
	C4075	F1G1C104A081	C 0.10UF, K, 16V	1	
	C4081	EEEHB1A221P	C 220PF, J, 10V	1	
	C4082	F1K1C1060004	C 0.010UF, 16V	1	
	C4083-87	F1J1H474A757	C 0.47UF, 50V	5	
	C4089	F1G1C104A116	C 0.10UF, K, 16V	1	
	C4090	F1G1H181A731	E 180UF, 50V	1	PAVCA
	C4091	F1G1C104A116	C 0.10UF, K, 16V	1	
	C4092	F2G1V220A020	E 22UF, 35V	1	
	C4093	F1G1H102A730	E 1000UF, 50V	1	
	C4094	F1G1C104A116	C 0.10UF, K, 16V	1	
	C4095	F1H0J2250008	C 2.2UF, K, 16V	1	
	C4096	F1H1A1050032	E 10UF, 50V	1	
	C4098	F1H1A1050032	E 10UF, 50V	1	
	C4101	F1G1C104A116	C 0.10UF, K, 16V	1	
	C4500,01	F1G1C104A116	C 0.10UF, K, 16V	2	
	C4510,11	F1G1C104A116	C 0.10UF, K, 16V	2	
	C4533	F1G1H680A731	E 68UF, 50V	1	
	C4534,35	F1G1C104A116	C 0.10UF, K, 16V	2	
	C4547-52	F1G1C104A116	C 0.10UF, K, 16V	6	
	C4553	F1G1H102A730	E 1000UF, 50V	1	
	C4554	EEEHB1C470P	C 47PF, J, 16V	1	
	C4555	F1J1A106A043	C 0.010UF, K, 10V	1	
	C4574	F1G1E103A123	C 0.010UF, K, 16V	1	
	C4575	F1H1A1050032	E 10UF, 50V	1	
	C4580	F1G1E103A123	C 0.010UF, K, 16V	1	
	C4585	F1H1A1050032	E 10UF, 50V	1	
	C4595	F1G1E103A123	C 0.010UF, K, 16V	1	
	C4596	F1G1C104A116	C 0.10UF, K, 16V	1	
	C4598	F1H1A1050032	E 10UF, 50V	1	
	C4599	F2G0J470A019	E 47UF 6.3V	1	
	C4600	F1G1C104A116	C 0.10UF, K, 16V	1	
	C4601	F2G0J470A019	E 47UF 6.3V	1	
	C4602	F1G1C104A116	C 0.10UF, K, 16V	1	
	C4603	F1H0J2250008	C 2.2UF, K, 16V	1	
	C4604	F1G1H471A730	E 470UF, 50V	1	PAVCA
	C4605	F1H1A1050032	E 10UF, 50V	1	
	C4606,07	F1J1A106A043	C 0.010UF, K, 10V	2	
	C4608	F1G1C104A116	C 0.10UF, K, 16V	1	
	C4612	F1G1E103A123	C 0.010UF, K, 16V	1	
	C4613	F1H1A1050032	E 10UF, 50V	1	
	C4614	F1G1C104A116	C 0.10UF, K, 16V	1	
	C4616,17	F1J1A106A043	C 0.010UF, K, 10V	2	
	C4619	F1G1C104A116	C 0.10UF, K, 16V	1	
	C4624-28	F1G1C104A116	C 0.10UF, K, 16V	5	
	C4630	F1G1C104A116	C 0.10UF, K, 16V	1	
	C4632	F1H1A1050032	E 10UF, 50V	1	
	C4634	F1H1A1050032	E 10UF, 50V	1	
	C4636	F1H1A1050032	E 10UF, 50V	1	
	C4638	F1H1A1050032	E 10UF, 50V	1	
	C4640	F1H1A1050032	E 10UF, 50V	1	

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	C4642	F1H1A1050032	E 10UF, 50V	1	
	C4643-46	F1G1C104A116	C 0.10UF, K, 16V	4	
	C4701	F1G1H102A730	E 1000UF, 50V	1	
	C4702	F1G1C104A116	C 0.10UF, K, 16V	1	
	C4703	F1G1H102A730	E 1000UF, 50V	1	
	C4704,05	F1G1C104A116	C 0.10UF, K, 16V	2	
	C4711,12	F1G1C104A116	C 0.10UF, K, 16V	2	
	C4713,14	F1G1H102A730	E 1000UF, 50V	2	
	C4715	F1G1C104A116	C 0.10UF, K, 16V	1	
	C4716-19	F1G1H102A730	E 1000UF, 50V	4	
	C4721	F1G1C104A116	C 0.10UF, K, 16V	1	
	C4722-24	F1G1H102A730	E 1000UF, 50V	3	
	C4741	F1G1H102A730	E 1000UF, 50V	1	
	C4742	F1G1C104A116	C 0.10UF, K, 16V	1	
	C4743	F1G1H102A730	E 1000UF, 50V	1	
	C4744,45	F1G1C104A116	C 0.10UF, K, 16V	2	
	C4746	F1G1H102A730	E 1000UF, 50V	1	
	C4751-55	F1G1C104A116	C 0.10UF, K, 16V	5	
	C4761-63	F1H1H103A970	C 0.001UF, K, 50V	3	
	C4771	F1G1H102A730	E 1000UF, 50V	1	
	C4772	F1G1C104A116	C 0.10UF, K, 16V	1	
	C4773	F1G1H102A730	E 1000UF, 50V	1	
	C4774,75	F1G1C104A116	C 0.10UF, K, 16V	2	
	C4776	F1G1H102A730	E 1000UF, 50V	1	
	C4777-80	F1G1C104A116	C 0.10UF, K, 16V	4	
	C4795-98	F1G1H102A730	E 1000UF, 50V	4	
	C4807	F1G1C104A116	C 0.10UF, K, 16V	1	
	C5400	F1K1A106A021	C 0.010UF, K,6.3V	1	
	C5401	F1H1E104A129	E 0.1UF, 25V	1	
	C5402	F1G1E103A123	C 0.010UF, K, 16V	1	
	C5404	F1G1E392A123	C 3900UF, Z, 25V	1	PAVCA
	C5405	F1H1E104A129	E 0.1UF, 25V	1	
	C5406	ECJ3YB1E106M	C 10 UF, K, 25V	1	
	C5408	F1K1A106A021	C 0.010UF, K,6.3V	1	
	C5412	F1K1C1060004	C 0.010UF, 16V	1	
	C5413	F1H1E104A129	E 0.1UF, 25V	1	
	C5414	F1G1E103A123	C 0.010UF, K, 16V	1	
	C5416	F1G1E472A123	C 4200UF, Z, 25V	1	PAVCA
	C5417	F1H1E104A129	E 0.1UF, 25V	1	
	C5418	ECJ3YB1E106M	C 10 UF, K, 25V	1	
	C5420	F1K1C1060004	C 0.010UF, 16V	1	
	C5521,22	F1G1C104A116	C 0.10UF, K, 16V	2	
	C5600	F1H1A1050032	E 10UF, 50V	1	
	C5601	F1G1C104A116	C 0.10UF, K, 16V	1	
	C5602	ECGRL0G680ER	C 68PF, J, 4V	1	
	C5603,04	F1G1E103A123	C 0.010UF, K, 16V	2	
	C5605	F1J1A475A039	C 4.7UF, K, 10V	1	
	C5606	F1G1H471A730	E 470UF, 50V	1	PAVCA
	C5607	F1G1H221A731	E 220UF, 50V	1	PAVCA
	C5608	F1G1C104A116	C 0.10UF, K, 16V	1	
	C5611,12	ECJ3YB1E106M	C 10 UF, K, 25V	2	
	C5615	ECJ3YB1E106M	C 10 UF, K, 25V	1	
	C5616	F1G1A473A053	E 0.47UF, 10V	1	
	C5617	F1H1A1050032	E 10UF, 50V	1	
	C5618,19	ECJ3YB1E106M	C 10 UF, K, 25V	2	
	C5620	F1H1E104A129	E 0.1UF, 25V	1	
	C5621	F1G1E103A123	C 0.010UF, K, 16V	1	
	C5622	F1J1A475A039	C 4.7UF, K, 10V	1	
	C5623	F1G1H471A730	E 470UF, 50V	1	PAVCA
	C5624	F1G1H221A731	E 220UF, 50V	1	PAVCA
	C5625	F1G1E103A123	C 0.010UF, K, 16V	1	
	C5626,27	F1G1C104A116	C 0.10UF, K, 16V	2	
	C5628,29	ECGRL0G680ER	C 68PF, J, 4V	2	
	C5631	EEEHB1E470P	C 47PF, J, 25V	1	
	C5632	F1J1E105A171	E 1 UF 25V	1	
	C5636-41	F1G1C104A116	C 0.10UF, K, 16V	6	
	C5642	ECJ3YB1E106M	C 10 UF, K, 25V	1	

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	C5643	F1H1E104A129	E 0.1UF, 25V	1	
	C5644	F1G1E103A123	C 0.010UF, K, 16V	1	
	C5652	F1H1H102A971	C 1000PF, K, 50V	1	
	C5663,64	F1J0J106A020	C 0.010UF, K, 16V	2	
	C5667	F1G1H101A731	C 100PF, K, 50V	1	
	C5688	F1H1A225A051	E 22UF, 50V	1	
	C5765	F1G1A473A053	E 0.47UF, 10V	1	
	C5766,67	ECJ0EB1C103K	C 0.010UF, K, 16V	2	
	C7701	F1G1H330A731	E 33UF, 50V	1	PAVCA
	C7702	F2G0G470A007	E 47UF 6.3V	1	
	C7703	F1G1H330A731	E 33UF, 50V	1	PAVCA
	C7705	F1G1C104A119	C 0.10UF, K, 16V	1	
	C7708,09	F1G1C104A119	C 0.10UF, K, 16V	2	
	C7726,27	F1G1H330A731	E 33UF, 50V	2	PAVCA
	C7729	F1J1A475A039	C 4.7UF, K, 10V	1	
	C8001	F1G1C104A116	C 0.10UF, K, 16V	1	
	C8002-05	F1H0J1050012	C 1UF, K, 16V	4	
	C8006-08	F1G1C104A116	C 0.10UF, K, 16V	3	
	C8009,10	F1J1A106A043	C 0.010UF, K, 10V	2	
	C8011-14	F1G1C104A116	C 0.10UF, K, 16V	4	
	C8015,16	F1H0J1050012	C 1UF, K, 16V	2	
	C8017	F1J1A106A043	C 0.010UF, K, 10V	1	
	C8018-21	F1G1C104A116	C 0.10UF, K, 16V	4	
	C8022	F1H0J1050012	C 1UF, K, 16V	1	
	C8023,24	F1J1A106A043	C 0.010UF, K, 10V	2	
	C8025-29	F1G1C104A116	C 0.10UF, K, 16V	5	
	C8030,31	F1H0J1050012	C 1UF, K, 16V	2	
	C8032	F1J1A106A043	C 0.010UF, K, 10V	1	
	C8033,34	F1G1C104A116	C 0.10UF, K, 16V	2	
	C8035,36	F1J1A106A043	C 0.010UF, K, 10V	2	
	C8037-41	F1G1C104A116	C 0.10UF, K, 16V	5	
	C8042	ECGRL0G680ER	C 68PF, J, 4V	1	
	C8043-51	F1G1C104A116	C 0.10UF, K, 16V	9	
	C8052	F1H0J1050012	C 1UF, K, 16V	1	
	C8053	ECJ0EB1C103K	C 0.010UF, K, 16V	1	
	C8056,57	F1G1C104A116	C 0.10UF, K, 16V	2	
	C8058	F1J1A106A043	C 0.010UF, K, 10V	1	
	C8067	ECJ0EB1C103K	C 0.010UF, K, 16V	1	
	C8068	F1G1C104A116	C 0.10UF, K, 16V	1	
	C8070-74	F1G1C104A116	C 0.10UF, K, 16V	5	
	C8075	F1J0G2260001	C 0.001UF, 6.3V	1	
	C8076-80	F1G1C104A081	C 0.10UF, K, 16V	5	
	C8301	F1G1H102A730	E 1000UF, 50V	1	
	C8302	F1G1C104A116	C 0.10UF, K, 16V	1	
	C8303	F1G1H103A735	E 0.01UF, 50V	1	PAVCA
	C8304-06	F1G1H221A731	E 220UF, 50V	3	PAVCA
	C8307	F1G1C104A116	C 0.10UF, K, 16V	1	
	C8310	F2G0J2210013	E 220UF 6.3V	1	
	C8311	F2G1V220A020	E 22UF, 35V	1	
	C8312	F2G0J2210013	E 220UF 6.3V	1	
	C8313	F1G1H102A730	E 1000UF, 50V	1	
	C8314	F1G1H270A731	E 27UF, 50V	1	
	C8315,16	F1G1H120A731	E 12UF, 50V	2	
	C8317	F1G1H270A731	E 27UF, 50V	1	
	C8318,19	F1G1H101A731	C 100PF, K, 50V	2	
	C8320	F1G1H220A731	E 22UF, 50V	1	
	C8321,22	ECJ0EB1C103K	C 0.010UF, K, 16V	2	
	C8323,24	F1G1H120A731	E 12UF, 50V	2	
	C8325-28	F1G1C104A116	C 0.10UF, K, 16V	4	
	C8330-35	F1G1C104A116	C 0.10UF, K, 16V	6	
	C8336	F1J1A106A043	C 0.010UF, K, 10V	1	
	C8337-43	F1G1C104A116	C 0.10UF, K, 16V	7	
	C8345	F1G1C104A116	C 0.10UF, K, 16V	1	

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	C8346	ECJ0EB1C103K	C 0.010UF, K, 16V	1	
	C8347-54	F1G1C104A116	C 0.10UF, K, 16V	8	
	C8355	F1H0J1050012	C 1UF, K, 16V	1	
	C8357-59	F1J1A106A043	C 0.010UF, K, 10V	3	
	C8360-68	F1G1C104A116	C 0.10UF, K, 16V	9	
	C8369	F1J1A106A043	C 0.010UF, K, 10V	1	
	C8370	F1G1H102A730	E 1000UF, 50V	1	
	C8371	ECJ1XB1H104K	C 10PF, J, 50V	1	
	C8372	F1J1A106A043	C 0.010UF, K, 10V	1	
	C8373	F1G1C104A116	C 0.10UF, K, 16V	1	
	C8374,75	F1J1A106A043	C 0.010UF, K, 10V	2	
	C8376	ECJ0EB1C103K	C 0.010UF, K, 16V	1	
	C8377	F1G1C104A116	C 0.10UF, K, 16V	1	
	C8378	ECJ0EB1C103K	C 0.010UF, K, 16V	1	
	C8379	F1G1C104A116	C 0.10UF, K, 16V	1	
	C8380	F1G1H103A735	E 0.01UF, 50V	1	PAVCA
	C8381	F1G1C104A116	C 0.10UF, K, 16V	1	
	C8382	ECJ0EB1C103K	C 0.010UF, K, 16V	1	
	C8386,87	F1G1H102A730	E 1000UF, 50V	2	
	C8501	F1G1C104A116	C 0.10UF, K, 16V	1	
	C8506	F1G1C104A116	C 0.10UF, K, 16V	1	
	C8513	ECJ0EB1C103K	C 0.010UF, K, 16V	1	
	C8517	F1G1C104A116	C 0.10UF, K, 16V	1	
	C8519	ECJ0EB1C103K	C 0.010UF, K, 16V	1	
	C9033,34	F1G1C104A116	C 0.10UF, K, 16V	2	
	C9035,36	F1J1A106A043	C 0.010UF, K, 10V	2	
	C9037	F1G1E103A123	C 0.010UF, K, 16V	1	
	C9040	F1G1C104A116	C 0.10UF, K, 16V	1	
	C9044	F1J0J475A035	C 4.7UF, K, 16V	1	
	C9045-53	F1G1C104A116	C 0.10UF, K, 16V	9	
	C9055-57	F1G1C104A116	C 0.10UF, K, 16V	3	
	C9061	F1G1C104A116	C 0.10UF, K, 16V	1	
	C9062	F1J0J475A035	C 4.7UF, K, 16V	1	
	C9063	F1G1C104A116	C 0.10UF, K, 16V	1	
	C9064,65	F1G1C104A119	C 0.10UF, K, 16V	2	
	C9066-73	F1G1C104A116	C 0.10UF, K, 16V	8	
	C9468	F1G1E103A123	C 0.010UF, K, 16V	1	
	C9469	F1G1C104A116	C 0.10UF, K, 16V	1	
	C9535-50	F1G1C104A116	C 0.10UF, K, 16V	16	
	C9823	ECJ3YB1E106M	C 10 UF, K, 25V	1	
	C9825	F1G1H101A731	C 100PF, K, 50V	1	
	C9832	F1J1A106A043	C 0.010UF, K, 10V	1	
	C9837	F1J1A106A043	C 0.010UF, K, 10V	1	
	C9840	F1G1E103A123	C 0.010UF, K, 16V	1	
	C9841,42	F1G1C104A116	C 0.10UF, K, 16V	2	
	C9844	F1G1E103A123	C 0.010UF, K, 16V	1	
	C9845	F1G1C104A116	C 0.10UF, K, 16V	1	
	C9858	ECJ3YB1E106M	C 10 UF, K, 25V	1	
	C9859	F1G1E103A123	C 0.010UF, K, 16V	1	
	C9860	F1J0J475A035	C 4.7UF, K, 16V	1	
	C9861,62	F1H1E104A129	E 0.1UF, 25V	2	
	C9863	F1J0J475A035	C 4.7UF, K, 16V	1	
	C9864	F1H1E104A129	E 0.1UF, 25V	1	
	C9865,66	ECGRL0G680ER	C 68PF, J, 4V	2	
	C9867-72	ECJ3YB1E106M	C 10 UF, K, 25V	6	
	C9873	ECGRL0G680ER	C 68PF, J, 4V	1	
	C9874	F1G1H680A731	E 68UF, 50V	1	
	C9877	F1G1H680A731	E 68UF, 50V	1	

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	C9878	F1G1E103A123	C 0.010UF, K, 16V	1	
	C9879	F1G1C153A116	C 0.015UF, K, 16V	1	
	C9880	F1G1A563A032	E 0.56UF, 10V	1	
	C9881	F1G1E103A123	C 0.010UF, K, 16V	1	
	C9882	F1G1E822A086	C 8200UF, Z, 25V	1	
	C9883	F1G1H101A731	C 100PF, K, 50V	1	
	C9884,85	F1G1H102A730	E 1000UF, 50V	2	
	C9886,87	F1H1E104A129	E 0.1UF, 25V	2	
	C9888	F1G1H361A565	E 360UF, 50V	1	
	C9900-25	F1G1C104A116	C 0.10UF, K, 16V	26	
	C9927-59	F1G1C104A116	C 0.10UF, K, 16V	33	
	C9961,62	F1J1A106A043	C 0.010UF, K, 10V	2	
	C9965	F1G1C104A116	C 0.10UF, K, 16V	1	
	C9966	F1J1A106A043	C 0.010UF, K, 10V	1	
	C9967,68	F1G1C104A116	C 0.10UF, K, 16V	2	
	C9970	F1G1C104A116	C 0.10UF, K, 16V	1	
	C9971	F1G1H150A731	E 15UF, 50V	1	
	C9972	F1G1H180A731	E 18UF, 50V	1	
	C9973-80	F1G1C104A116	C 0.10UF, K, 16V	8	
	C14350	F1L2J1020001	C 1000UF, K,6.3V	1	
	C14901	F1J1H102A834	E 1000UF, 50V	1	PAVCA
	C14902	F1J1C1050030	C 1UF, Z, 16V	1	
	C14904	F1J1C1050030	C 1UF, Z, 16V	1	
	C14906	F1J1C1050030	C 1UF, Z, 16V	1	
	C14907	F1L2J1020001	C 1000UF, K,6.3V	1	
	C14908	F1J1C1050030	C 1UF, Z, 16V	1	
	C14910	F1J1C1050030	C 1UF, Z, 16V	1	
	C14912	F1J1C1050030	C 1UF, Z, 16V	1	
	C14923,24	F1L2E104A028	E 1000UF, 25V	2	PAVCA
	C14926	F1J1H104A835	C 0.10UF, 50V	1	
	C14931	F1J1H102A834	E 1000UF, 50V	1	PAVCA
	C14932-35	F1L2E104A028	E 1000UF, 25V	4	PAVCA
	C14936-39	F1J1H221A834	C 220UF, 50V	4	PAVCA
	C14940	F1J1H102A834	E 1000UF, 50V	1	PAVCA
	C14941,42	F1J1H221A834	C 220UF, 50V	2	PAVCA
	C14943	F1L1E4750012	C 4.7UF, 25V	1	
	C14950	F1J1H221A834	C 220UF, 50V	1	PAVCA
	C14952	F1J1C1050030	C 1UF, Z, 16V	1	
	C14955	F1J1C1050030	C 1UF, Z, 16V	1	
	C14957,58	F1J1C1050030	C 1UF, Z, 16V	2	
	C14961	F1J1C1050030	C 1UF, Z, 16V	1	
	C14963	F1J1C1050030	C 1UF, Z, 16V	1	
	C14969	F1J1H104A835	C 0.10UF, 50V	1	
	C14970-72	F1J1H221A834	C 220UF, 50V	3	PAVCA
	C14973	F1J1H102A834	E 1000UF, 50V	1	PAVCA
	C14974,75	F1L2E104A028	E 1000UF, 25V	2	PAVCA
	C14976	F1J1H102A834	E 1000UF, 50V	1	PAVCA
	C14977,78	F1L2E104A028	E 1000UF, 25V	2	PAVCA
	C14981	F1J1H221A834	C 220UF, 50V	1	PAVCA
	C14984,85	F1L2E104A028	E 1000UF, 25V	2	PAVCA
	C14986	F1J1H101A836	C 100PF, K, 50V	1	PAVCA
	C14987,88	F1J1H104A835	C 0.10UF, 50V	2	
	C14989	F1J1H221A834	C 220UF, 50V	1	PAVCA
	C14991	F1H1H100A971	C 10PF, K, 50V	1	PAVCA
	C14992,93	F1H1C105A008	C 1UF, K, 16V	2	
	C16001	F1L2J562A022	C 5600UF, K,6.3V	1	
	C16011-13	F2A2T251A004	E 250UF, 220V	3	
	C16015	F0C2E225A230	E 0.022UF, 250V	1	
	C16023	F1L2J562A022	C 5600UF, K,6.3V	1	
	C16041	F1H1H392A970	C 3900PF, K, 50V	1	
	C16071	F1L2J1020001	C 1000UF, K,6.3V	1	
	C16092	F1L2J1020001	C 1000UF, K,6.3V	1	
	C16131	F1L1E4750012	C 4.7UF, 25V	1	
	C16133	F1L1E4750012	C 4.7UF, 25V	1	
	C16135	F1K1E105A029	C 1UF, Z, 25V	1	
	C16151	F1K1E105A029	C 1UF, Z, 25V	1	
	C16152-54	F1L1E4750012	C 4.7UF, 25V	3	
	C16192	F1L1E4750012	C 4.7UF, 25V	1	
	C16194,95	F1L1E4750012	C 4.7UF, 25V	2	

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	C16197	F1L1E4750012	C 4.7UF, 25V	1	
	C16201-03	F0C2E405A232	E 0.040UF, 250V	3	
	C16241	EEUFC1A101	E 100UF, 10V	1	
	C16242	F1H1C105A008	C 1UF, K, 16V	1	
	C16243	F1J1H103A834	C 0.01UF, K, 50V	1	
	C16251	F1H1C105A008	C 1UF, K, 16V	1	
	C16252	F1K1E105A029	C 1UF, Z, 25V	1	
	C16261,62	F2A2A471A072	E 470UF, 100V	2	
	C16272	F2A1E471A487	E 470UF, 25V	1	
	C16280	F1K1E105A029	C 1UF, Z, 25V	1	
	C16282-85	ECJ1XB1H104K	C 10PF, J, 50V	4	
	C16301	F2A1E470A454	E 47UF, 25V	1	
	C16302	F1H1H471A219	E 470UF, 50V	1	
	C16310	F2A2T251A004	E 250UF, 220V	1	
	C16311	F1H1A1050032	E 10UF, 50V	1	
	C16312	F1H1H472A970	C 4700PF, K, 50V	1	
	C16313	F1H1C105A008	C 1UF, K, 16V	1	
	C16321,22	F1L2E224A028	E 2200UF, 25V	2	
	C16323	F2A1E470A454	E 47UF, 25V	1	
	C16324	F2A1E471A487	E 470UF, 25V	1	
	C16326	F1L1E4750012	C 4.7UF, 25V	1	
	C16328	F2A2D221A022	E 220UF, 200V	1	
	C16336	F1H1H102A970	C 1000PF, K, 50V	1	
	C16337	ECJ1XB1H104K	C 10PF, J, 50V	1	
	C16402	F1L2J562A022	C 5600UF, K,6.3V	1	
	C16411,12	F2A2T251A004	E 250UF, 220V	2	
	C16414	F0C2E225A230	E 0.022UF, 250V	1	
	C16418,19	F2A2T251A004	E 250UF, 220V	2	
	C16421	F1L2J562A022	C 5600UF, K,6.3V	1	
	C16441	F1H1H392A970	C 3900PF, K, 50V	1	
	C16471	F1L2J1020001	C 1000UF, K,6.3V	1	
	C16472	F1K1E105A029	C 1UF, Z, 25V	1	
	C16480	F1J1H104A835	C 0.10UF, 50V	1	
	C16491	F1L2J1020001	C 1000UF, K,6.3V	1	
	C16502	F1L1E4750012	C 4.7UF, 25V	1	
	C16504	F1L1E4750012	C 4.7UF, 25V	1	
	C16505	F1K1E105A029	C 1UF, Z, 25V	1	
	C16521	F1K1E105A029	C 1UF, Z, 25V	1	
	C16522	F1L1E4750012	C 4.7UF, 25V	1	
	C16524,25	F1L1E4750012	C 4.7UF, 25V	2	
	C16562	F1H1C105A008	C 1UF, K, 16V	1	
	C16563	EEUFC1A101	E 100UF, 10V	1	
	C16564	F1H1C105A008	C 1UF, K, 16V	1	
	C16565,66	F1J1H103A834	C 0.01UF, K, 50V	2	
	C16581	F1K1E105A029	C 1UF, Z, 25V	1	
	C16582	F1H1C105A008	C 1UF, K, 16V	1	
	C16593	F1J1H102A836	E 1000UF, 50V	1	
	C16603,04	F1K2J102A014	C 1000UF, K,6.3V	2	
	C16605,06	F1L2J472A022	C 4700UF, K,6.3V	2	
	C16608	F1H1H221A971	C 220UF, K, 50V	1	
	C16633-35	F0C2E405A232	E 0.040UF, 250V	3	
	C16641	ECQE2105RKB	P 1UF, 250V	1	
	C16661,62	F1K2J102A014	C 1000UF, K,6.3V	2	
	C16664-66	F1J1H680A836	C 680PF, K, 50V	3	
	C16691	ECA2CM101	E 100UF, 160V	1	
	C16708	F1J1H104A835	C 0.10UF, 50V	1	
	C16721	F2A1H101A493	E 100UF, 50V	1	
	C16723-25	F1L1E4750012	C 4.7UF, 25V	3	
	C16752	F1K1E105A029	C 1UF, Z, 25V	1	
	C16753	F1L1E4750012	C 4.7UF, 25V	1	
	C16755,56	F1L1E4750012	C 4.7UF, 25V	2	
	C16773	F1L1E4750012	C 4.7UF, 25V	1	
	C16775	F1L1E4750012	C 4.7UF, 25V	1	
	C16791	F2A1E221A487	E 220UF, 25V	1	
	C16795	F2A1E471A487	E 470UF, 25V	1	
	C16806	ECA2CM101	E 100UF, 160V	1	
	C16812	F1L1E4750012	C 4.7UF, 25V	1	
	C16813	ECA2CM101	E 100UF, 160V	1	
	C16821	F1J1H104A835	C 0.10UF, 50V	1	
	C16822	F2A2G470A018	E 470UF, 400V	1	
	C16823	F1L2J562A022	C 5600UF, K,6.3V	1	
	C16832	F1J1H392A834	C 3900UF, 50V	1	
	C16842	ECA2CM101	E 100UF, 160V	1	

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	C16843,44	F1J1H104A835	C 0.10UF, 50V	2	
	C16855	F1H1C105A008	C 1UF, K, 16V	1	
	C16856	F1H1A1050032	E 10UF, 50V	1	
	C16857	F1H1H472A970	C 4700PF, K, 50V	1	
	C16858	F1H1C104A143	C 0.1UF, K, 16V	1	
	C16860	F1H1A1050032	E 10UF, 50V	1	
	C16861	F1H1H472A970	C 4700PF, K, 50V	1	
	C16862	F1H1C104A143	C 0.1UF, K, 16V	1	
	C16863	F1J1H103A834	C 0.01UF, K, 50V	1	
	C16864	F1J1H104A835	C 0.10UF, 50V	1	
	C16866	F1H1A1050032	E 10UF, 50V	1	
	C16867	F1H1H472A970	C 4700PF, K, 50V	1	
	C16868	F1H1C104A143	C 0.1UF, K, 16V	1	
	C16869	F1J1H104A835	C 0.10UF, 50V	1	
	C17111,12	F1H1A1050032	E 10UF, 50V	2	
	C17113,14	F1L2E154A009	E 1500UF, 25V	2	PAVCA
	C17121,22	F1H1A1050032	E 10UF, 50V	2	
	C17123,24	F1L2E154A009	E 1500UF, 25V	2	PAVCA
	C17131,32	F1H1A1050032	E 10UF, 50V	2	
	C17133,34	F1L2E154A009	E 1500UF, 25V	2	PAVCA
	C17141,42	F1H1A1050032	E 10UF, 50V	2	
	C17143,44	F1L2E154A009	E 1500UF, 25V	2	PAVCA
	C17151,52	F1H1A1050032	E 10UF, 50V	2	
	C17153,54	F1L2E154A009	E 1500UF, 25V	2	PAVCA
	C17161	F1H1A1050032	E 10UF, 50V	1	
	C17163	F1H1C104A143	C 0.1UF, K, 16V	1	
	C17165	F1H1C104A143	C 0.1UF, K, 16V	1	
	C17211,12	F1H1A1050032	E 10UF, 50V	2	
	C17213,14	F1L2E154A009	E 1500UF, 25V	2	PAVCA
	C17221,22	F1H1A1050032	E 10UF, 50V	2	
	C17223,24	F1L2E154A009	E 1500UF, 25V	2	PAVCA
	C17231,32	F1H1A1050032	E 10UF, 50V	2	
	C17233,34	F1L2E154A009	E 1500UF, 25V	2	PAVCA
	C17261	F1H1A1050032	E 10UF, 50V	1	
	C17262	F1H1C104A143	C 0.1UF, K, 16V	1	
	C17264	F1H1C104A143	C 0.1UF, K, 16V	1	
	C17266	F1H1C104A143	C 0.1UF, K, 16V	1	
	C17268	F1H1A1050032	E 10UF, 50V	1	
	C17311,12	F1H1A1050032	E 10UF, 50V	2	
	C17313,14	F1L2E154A009	E 1500UF, 25V	2	PAVCA
	C17321,22	F1H1A1050032	E 10UF, 50V	2	
	C17323,24	F1L2E154A009	E 1500UF, 25V	2	PAVCA
	C17331,32	F1H1A1050032	E 10UF, 50V	2	
	C17333,34	F1L2E154A009	E 1500UF, 25V	2	PAVCA
	C17361	F1H1A1050032	E 10UF, 50V	1	
	C17362	F1H1C104A143	C 0.1UF, K, 16V	1	
	C17364	F1H1C104A143	C 0.1UF, K, 16V	1	
	C17366	F1H1C104A143	C 0.1UF, K, 16V	1	
	C17368	F1H1C104A143	C 0.1UF, K, 16V	1	
	C17390	F1K2A105A006	C 1UF, 100V	1	
	CB1-11	K1MN68BA0052	68P CONNECTOR	11	
	D1107	MA704A	DIODE	1	
	D1114,15	MA2J11100L	DIODE	2	
	D2301	MA2J11100L	DIODE	1	
	D2512	MA8043LTX	ZENER DIODE	1	
	D2520A	B3AAA0000770	LED	1	
	D3005	K7AAAY000003	PHOTO LINK	1	
	D3048	MA8140M	ZENER DIODE	1	
	D3051,52	MA8140M	ZENER DIODE	2	
	D3063-73	MA8140M	ZENER DIODE	11	
	D3076-80	MA8140M	ZENER DIODE	5	
	D3085-89	MA8140M	ZENER DIODE	5	
	D3701,02	MA8140M	ZENER DIODE	2	
	D3709,10	MAZ80510LL	ZENER DIODE	2	
	D3711	MA8140M	ZENER DIODE	1	
	D3801-06	EZAEG2A50AX	DIODE	6	
	D3807,08	EZJZ0V80008B	VARISTOR	2	
	D3809,10	EZAEG2A50AX	DIODE	2	
	D3811	EZJZ0V80008B	VARISTOR	1	
	D3813,14	B0HCMM000014	DIODE	2	
	D3815	EZJZ0V120JA	VARISTOR	1	PAVCA

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	D4000	MA2J11100L	DIODE	1	
	D4002	MA2J11100L	DIODE	1	
	D4004,05	MA2J11100L	DIODE	2	
	D4006	MA3X78900L	ZENER DIODE	1	
	D4007	B0BC03900015	ZENER DIODE	1	
	D4009	MA2J11100L	DIODE	1	
	D4010	MA22D3900L	DIODE	1	
	D4502-12	EZAEG2A50AX	DIODE	11	
	D4513	MA3056MTX	ZENER DIODE	1	
	D4514	EZAEG2A50AX	DIODE	1	
	D4515	MA3056MTX	ZENER DIODE	1	
	D4516-23	EZAEG2A50AX	DIODE	8	
	D4541,42	MA2J11100L	DIODE	2	
	D5400	B0JCME000037	DIODE	1	
	D5401,02	B0BC4R700007	ZENER DIODE	2	
	D5403	B0JCME000037	DIODE	1	
	D5404,05	B0BC4R700007	ZENER DIODE	2	
	D5521,22	MA3X152A0L	DIODE	2	
	D5571	B0BC6R600005	ZENER DIODE	1	
	D5573	B0BC01100001	ZENER DIODE	1	
	D5601,02	MA22D3900L	DIODE	2	
	D5603,04	B0JCDD000002	DIODE	2	
	D5605	MA22D3900L	DIODE	1	
	D5606	B0JCDD000002	DIODE	1	
	D5613-15	MA2J11100L	DIODE	3	
	D5616	MA2J72800L	ZENER DIODE	1	
	D5692	MA8056LTX	ZENER DIODE	1	
	D9017-19	B0BC3R3A0273	ZENER DIODE	3	
	D9021	B0JCCE000008	DIODE	1	
	D9807,08	B0JCCE000008	DIODE	2	
	D9812	MA22D3900L	DIODE	1	
	D9813-15	B0JCGD000002	DIODE	3	
	D9816,17	MA22D3900L	DIODE	2	
	D14905-07	B0HCMM000013	DIODE	3	
	D14909	MA3X152A0L	DIODE	1	
	D14910	MA2J11100L	DIODE	1	
	D14953	B0HCMM000013	DIODE	1	
	D14956,57	B0HCMM000013	DIODE	2	
	D14959,60	MA2J11100L	DIODE	2	
	D14961	MA8056H	ZENER DIODE	1	
	D14962	MA2J11100L	DIODE	1	
	D14971	MA2J11100L	DIODE	1	
	D14974	MA3X152A0L	DIODE	1	
	D14975,76	MA2J11100L	DIODE	2	
	D16001	B0FBCN000005	DIODE	1	
	D16021	MA3DF30000LW	ZENER DIODE	1	
	D16032	MA2J11100L	DIODE	1	
	D16040	B0ECKP000047	DIODE	1	
	D16041,42	MA3DF46000LW	ZENER DIODE	2	
	D16050	B0ECKP000047	DIODE	1	
	D16051,52	B0FBCN000005	DIODE	2	
	D16102	MA22D3900L	DIODE	1	
	D16104	MA22D3900L	DIODE	1	
	D16131,32	B0ECKP000047	DIODE	2	
	D16151-53	B0ECKP000047	DIODE	3	
	D16191,92	B0ECKP000047	DIODE	2	
	D16253	LNJ301MPUJA	LED	1	
	D16255	MA2J11100L	DIODE	1	
	D16280	MA2J11100L	DIODE	1	
	D16281	MAZ80510LL	ZENER DIODE	1	
	D16282	MAZ80680ML	ZENER DIODE	1	
	D16283,84	MA3X152A0L	DIODE	2	
	D16300	B0ECKP000047	DIODE	1	
	D16301	MA3X152A0L	DIODE	1	
	D16302	MA2J11100L	DIODE	1	
	D16311	MAZ81500ML	ZENER DIODE	1	
	D16313	B0ECKP000047	DIODE	1	
	D16321	B0ECKP000047	DIODE	1	
	D16324	MA3X152A0L	DIODE	1	
	D16331	B0ECHP000003	DIODE	1	
	D16335	B0ECLM000006	DIODE	1	
	D16401,02	B0FBCN000005	DIODE	2	
	D16407	MA22D3900L	DIODE	1	

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	D16421	MA3DF40000LW	ZENER DIODE	1	
	D16441	B0ECKP000047	DIODE	1	
	D16451	B0ECKP000047	DIODE	1	
	D16461,62	MA3DF46000LW	ZENER DIODE	2	
	D16466	MA2J11100L	DIODE	1	
	D16473	MA3X152A0L	DIODE	1	
	D16475	MAZ80510LL	ZENER DIODE	1	
	D16478	B0HCKS000002	DIODE	1	
	D16480	MA2J11100L	DIODE	1	
	D16481,82	B0FBCN000005	DIODE	2	
	D16497	B0ECKP000047	DIODE	1	
	D16501	B0ECKP000047	DIODE	1	
	D16503	B0ECKP000047	DIODE	1	
	D16521-23	B0ECKP000047	DIODE	3	
	D16583	LNJ301MPUJA	LED	1	
	D16585	MA2J11100L	DIODE	1	
	D16601	MA3X152A0L	DIODE	1	
	D16602	MAZ81500ML	ZENER DIODE	1	
	D16604	MA2J11100L	DIODE	1	
	D16605	MAZ80510LL	ZENER DIODE	1	
	D16606	B0ECKM000038	DIODE	1	
	D16607	MA2J11100L	DIODE	1	
	D16608	MA8120M	ZENER DIODE	1	
	D16609,10	MA2J11100L	DIODE	2	
	D16618,19	B0ECKP000047	DIODE	2	
	D16621,22	B0HDSM000006	DIODE	2	
	D16631,32	MA8240MTX	ZENER DIODE	2	
	D16641,42	B0HCKS000002	DIODE	2	
	D16643	MA2J11100L	DIODE	1	
	D16644	B0HCKS000002	DIODE	1	
	D16659	B0HCMM000014	DIODE	1	
	D16660	EC8FS6	DIODE	1	
	D16661	MA2J11100L	DIODE	1	
	D16662-64	MA8330M	ZENER DIODE	3	
	D16665	MAZ80510LL	ZENER DIODE	1	
	D16667	MA2J11100L	DIODE	1	
	D16668	MA3X152A0L	DIODE	1	
	D16669	MA2J11100L	DIODE	1	
	D16670	EC8FS6	DIODE	1	
	D16671	MA2J11100L	DIODE	1	
	D16710	MAZ81500ML	ZENER DIODE	1	
	D16711	EC8FS6	DIODE	1	
	D16712	MAZ81500ML	ZENER DIODE	1	
	D16713	EC8FS6	DIODE	1	
	D16714	MAZ81500ML	ZENER DIODE	1	
	D16715	EC8FS6	DIODE	1	
	D16717	MA8330M	ZENER DIODE	1	
	D16718	MA2J11100L	DIODE	1	
	D16719,20	B0ECKP000047	DIODE	2	
	D16721	B0HCKS000002	DIODE	1	
	D16722	MA2J11100L	DIODE	1	
	D16725	MA2J11100L	DIODE	1	
	D16761	MA2J11100L	DIODE	1	
	D16763	B0ECKP000047	DIODE	1	
	D16764	B0HCKS000002	DIODE	1	
	D16765,66	B0ECKP000047	DIODE	2	
	D16771	MAZ80510LL	ZENER DIODE	1	
	D16816	MAZ80510LL	ZENER DIODE	1	
	D16817	MAZ80680HL	ZENER DIODE	1	
	D16820	MA3X152A0L	DIODE	1	
	D16821	MA8200M	ZENER DIODE	1	
	D16822	MA2J11100L	DIODE	1	
	D16824,25	MA8330M	ZENER DIODE	2	
	D16830	MA8056H	ZENER DIODE	1	
	D16836	MAZ81500ML	ZENER DIODE	1	
	D16837	MA2J11100L	DIODE	1	
	D16838	B0BC027A0234	ZENER DIODE	1	
	D16839	B0ECKP000047	DIODE	1	
	D16859,60	B0HCKS000002	DIODE	2	
	D16861,62	MA8330M	ZENER DIODE	2	
	D16871	MA8240MTX	ZENER DIODE	1	
	D16873	MA8200M	ZENER DIODE	1	
	D16874	MAZ80510LL	ZENER DIODE	1	

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	D16875	MA2J11100L	DIODE	1	
	FL3710-12	J0ZZA0000091	FILTER	3	PAVCA
	FL4000	J0HAAB000036	LC FILTER	1	
	FL4003	J0HAAB000036	LC FILTER	1	
	FL4007	J0HAAB000036	LC FILTER	1	
	FL8500,01	J0HAAA000013	LC FILTER	2	
	FL9300,01	F1J1E104A148	C 0.10UF, Z, 25V	2	
	FL9803	F1J1E104A148	C 0.10UF, Z, 25V	1	
	FL9805	F1J1E104A148	C 0.10UF, Z, 25V	1	
	G51	K1KA11BA0062	11P CONNECTOR	1	
	GH10	K1FY121E0001	CONNECTOR	1	PAVCA
	GH11	K1KA30AA0009	30P CONNECTOR	1	
	GS52	K1KA12A00317	12P CONNECTOR	1	
	IC1100	MNZSFG3GP53	IC	1	
	IC1101	TVRP760S	IC	1	PAVCA
	IC1102	C0JBAZ002261	IC	1	
	IC2008	C0CBCBE00001	IC	1	
	IC2106	C1AB00002908	IC	1	
	IC2107	C0DBFFD00003	IC	1	
	IC2301	C1AB00002875	IC	1	
	IC3001	C1AB00002855	IC	1	
	IC3017	C0EBM0000026	IC	1	
	IC3801	C1AB00002835	IC	1	PAVCA
	IC3802	TVRP819S	IC	1	PAVCA
	IC4000	C1AB00002877	IC	1	
	IC4013	C0JBAZ002060	IC	1	
	IC4510	C1AB00002901	IC	1	
	IC4511	C0CBCBE00001	IC	1	
	IC4512,13	C0DBGYY00477	IC	2	
	IC4514,15	C0JBAZ002301	IC	2	
	IC4800	C1ZBZ0003775	IC	1	
	IC5400,01	C0DBAYY00183	IC	2	
	IC5600	C0DBAYY00273	IC	1	
	IC5601	C0DBAYY00274	IC	1	
	IC5606	C0EBF0000354	IC	1	
	IC8001	MN2WS0047	IC	1	PAVCA
	IC8002	C3ABSY000014	IC	1	
	IC8004	C0ZBZ0001030	IC	1	
	IC8300	MN884350	IC	1	PAVCA
	IC8502	TVRP788S	IC	1	PAVCA
	IC8503	TVRP790S	IC	1	PAVCA
	IC9001	TVRP818S	IC	1	PAVCA
	IC9002	C1ZBZ0003577	IC	1	
	IC9003	MNZSFG4GPH3	IC	1	
	IC9011	C0EBF0000431	IC	1	
	IC9013	C0JBAZ002301	IC	1	
	IC9303	TVRP816S	IC	1	PAVCA
	IC9500	C1ZBZ0003759	IC	1	
	IC9802,03	C0JBAZ001120	IC	2	
	IC9805	C0DBAYY00274	IC	1	
	IC9806	C0DBAYY00273	IC	1	
	IC9900	MN84526	IC	1	
	IC9901	C3ABQY000032	IC	1	PAVCA
	IC14901-06	AN16081A-VT	IC	6	PAVCA
	IC14951-56	AN16081A-VT	IC	6	PAVCA
	IC14961,62	C0JBAZ000994	IC	2	
	IC14963	C0JBAA000377	IC	1	
	IC16131	C0ZBZ0000895	IC	1	
	IC16151	C0ZBZ0001324	IC	1	
	IC16191	C0ZBZ0000895	IC	1	
	IC16241	C0JBAZ002811	IC	1	
	IC16251	NJM2903V	IC	1	
	IC16301	MIP9L02MBS	IC	1	
	IC16302	C0CBALC00012	IC	1	
	IC16303	C0JBAC000363	IC	1	
	IC16471	C0DBEKA00003	IC	1	

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	IC16472	C0JBAA000377	IC	1	
	IC16501	C0ZBZ0000895	IC	1	
	IC16521	C0ZBZ0001324	IC	1	
	IC16561,62	C0JBAZ002811	IC	2	
	IC16581	NJM2903V	IC	1	
	IC16724,25	C0CBADC00072	IC	2	
	IC16752	C0ZBZ0001324	IC	1	
	IC16772	C0ZBZ0001325	IC	1	
	IC16784	MIP9L02MBS	IC	1	
	IC16786	MIP9L02MBS	IC	1	
	IC16787	C0DBEYY00078	IC	1	
	IC16788	MIP9L02MBS	IC	1	
	IC16789	C0DBEYY00078	IC	1	
	IC16791	N0BF1FB00002	IC	1	
	IC17101,02	C0JBAZ001120	IC	2	
	IC17201-03	C0JBAZ001120	IC	3	
	IC17301-04	C0JBAZ001120	IC	4	
	JA1-A4	D0GDR00Z0002	M 0 OHM, 1/10W	4	
	JK3000	K1U929A00001	CONNECTOR	1	PAVCA
	JK3701	K4AK13B00002	JACK	1	PAVCA
	JK4500,01	K1FY119D0003	CONNECTOR	2	PAVCA
	JK7701	K1NA09E00080	9P CONNECTOR	1	
	JS2085	D0GDR00Z0002	M 0 OHM, 1/10W	1	
	JS2300	D0YAR0000007	M 0 OHM 1/4W	1	
	JS3051-56	D0GDR00Z0002	M 0 OHM, 1/10W	6	
	JS3058	D0GDR00Z0002	M 0 OHM, 1/10W	1	
	JS4010	D0GDR00Z0002	M 0 OHM, 1/10W	1	
	JS4017	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
	JS7701	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
	K1	K1KA08BA0061	8P CONNECTOR	1	
	L1100	J0JYC0000068	CHIP INDUCTOR	1	
	L2029	J0JCC0000059	CHIP INDUCTOR	1	
	L2038	J0JYC0000068	CHIP INDUCTOR	1	
	L2041	J0JYC0000068	CHIP INDUCTOR	1	
	L2300	G1C220MA0291	INDUCTION COIL	1	
	L2302	G1C220MA0291	INDUCTION COIL	1	
	L2304	G1C220MA0291	INDUCTION COIL	1	
	L2306	G1C220MA0291	INDUCTION COIL	1	
	L2308	J0JHC0000042	CHIP INDUCTOR	1	
	L3000,01	J0JYC0000068	CHIP INDUCTOR	2	
	L3801	J0JHC0000078	CHIP INDUCTOR	1	
	L3804,05	J0JHC0000078	CHIP INDUCTOR	2	
	L4000	G1C470MA0291	INDUCTION COIL	1	PAVCA
	L4001	G1C100MA0072	INDUCTION COIL	1	
	L4002	J0JYC0000068	CHIP INDUCTOR	1	
	L4500-07	J0JHC0000078	CHIP INDUCTOR	8	
	L4511	J0JHC0000078	CHIP INDUCTOR	1	
	L4512,13	J0JCC0000241	CHIP INDUCTOR	2	
	L4514-19	J0JYC0000068	CHIP INDUCTOR	6	
	L5401	G1C330M00027	INDUCTION COIL	1	PAVCA
	L5405	G1C330M00027	INDUCTION COIL	1	PAVCA
	L5600,01	G1C2R2Z00007	INDUCTION COIL	2	
	L5602	G1C4R7Z00014	INDUCTION COIL	1	
	L5604	G1C100MA0203	INDUCTION COIL	1	
	L5605	J0JCC0000241	CHIP INDUCTOR	1	
	L5606	G1C100MA0203	INDUCTION COIL	1	
	L7721	J0JCC0000143	CHIP INDUCTOR	1	
	L8001-05	J0JHC0000045	CHIP INDUCTOR	5	
	L8006	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
	L8007-10	J0JHC0000045	CHIP INDUCTOR	4	
	L8301-03	J0JHC0000045	CHIP INDUCTOR	3	
	L8304,05	G1CR22JA0020	INDUCTION COIL	2	
	L8306	G1CR39JA0020	INDUCTION COIL	1	PAVCA
	L8307-10	J0JHC0000045	CHIP INDUCTOR	4	

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	L8311,12	G1CR39JA0020	INDUCTION COIL	2	PAVCA
	L8500	J0JCC0000241	CHIP INDUCTOR	1	
	L8507	J0JHC0000045	CHIP INDUCTOR	1	
	L9076	J0JYC0000068	CHIP INDUCTOR	1	
	L9800	G1C2R2Z00007	INDUCTION COIL	1	
	L9801	G1C1R5Z00006	INDUCTION COIL	1	
	L9802	G1C2R2Z00007	INDUCTION COIL	1	
	L9900,01	J0JHC0000078	CHIP INDUCTOR	2	
	L9903	J0JHC0000078	CHIP INDUCTOR	1	
	L16001-04	G0C1R6KA0119	PEAKING COIL	4	
	L16011-14	G0C1R6KA0119	PEAKING COIL	4	
	L16102	J0JJC0000015	CHIP INDUCTOR	1	
	L16103	G0ZZ00002183	PEAKING COIL	1	
	L16104	J0JJC0000015	CHIP INDUCTOR	1	
	L16221	G0ZZ00002183	PEAKING COIL	1	
	L16262	G0ZZ00002183	PEAKING COIL	1	
	L16271	G0ZZ00002183	PEAKING COIL	1	
	L16301	J0JHC0000031	CHIP INDUCTOR	1	
	L16398,99	J0JJC0000015	CHIP INDUCTOR	2	
	L16401,02	G0C1R4KA0118	PEAKING COIL	2	
	L16404	G0C1R4KA0118	PEAKING COIL	1	
	L16411,12	G0C1R4KA0118	PEAKING COIL	2	
	L16414	G0C1R4KA0118	PEAKING COIL	1	
	L16472	G0ZZ00002183	PEAKING COIL	1	
	L16591	G0ZZ00002183	PEAKING COIL	1	
	L16697	G0C102KA0187	PEAKING COIL	1	
	L16698	G0C681KA0187	PEAKING COIL	1	
	L16699	G0C331KA0187	PEAKING COIL	1	
	L16801	G0ZZ00002183	PEAKING COIL	1	
	PA5600	K5H5022A0023	FUSE	1	
	PA9800	K5H4022A0023	FUSE	1	
	PA9900	K5H5022A0023	FUSE	1	
	PC14951,52	B3PBA0000457	IC	2	
	PC16480	B3PBA0000223	IC	1	
	PC16601	B3PBA0000223	IC	1	
	PC16602	B3PBA0000443	IC	1	
	PC16603	B3PBA0000223	IC	1	
	PC16705	B3PBA0000456	IC	1	
	PC16710	B3PBA0000223	IC	1	
	PC16896,97	B3PBA0000223	IC	2	
⚠	PCB	N0AE6JL00001	CIRCUIT BOARD P	1	PAVCA
⚠	PCB	TNPH0716ABS	CIRCUIT BOARD A	1	PAVCA
⚠	PCB	TXNC11RQTU	CIRCUIT BOARD C1	1	PAVCA
⚠	PCB	TXNC21RQTU	CIRCUIT BOARD C2	1	PAVCA
⚠	PCB	TXNC31RQTU	CIRCUIT BOARD C3	1	PAVCA
⚠	PCB	TXNSC1RQTUS	CIRCUIT BOARD SC	1	PAVCA
⚠	PCB	TXNSD1RQTU	CIRCUIT BOARD SD	1	PAVCA
⚠	PCB	TXNSS1RQTU	CIRCUIT BOARD SS	1	PAVCA
⚠	PCB	TNPA4395S	CIRCUIT BOARD SS2	1	PAVCA
⚠	PCB	TNPA4396S	CIRCUIT BOARD SS3	1	PAVCA
⚠	PCB	TXNSU1RQTU	CIRCUIT BOARD SU	1	PAVCA
⚠	PCB	TNPA4501S	CIRCUIT BOARD G	1	PAVCA
⚠	PCB	TNPA4505S	CIRCUIT BOARD GH	1	PAVCA
⚠	PCB	TNPA4139ADS	CIRCUIT BOARD GS	1	PAVCA
⚠	PCB	TNPA4500S	CIRCUIT BOARD K	1	PAVCA
⚠	PCB	TNPA4499S	CIRCUIT BOARD S	1	PAVCA
	Q2041,42	2SD0601ARL	TRANSISTOR	2	
	Q2301	2SB0709ARL	TRANSISTOR	1	
	Q2510,11	2SD0601ARL	TRANSISTOR	2	
	Q3123,24	2SD0601ARL	TRANSISTOR	2	
	Q3125	2SB0709ARL	TRANSISTOR	1	
	Q3801,02	2SD0601ARL	TRANSISTOR	2	
	Q3804	2SD0601ARL	TRANSISTOR	1	
	Q4016	2SK3065T100	FET	1	

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	Q4017	2SD0601ARL	TRANSISTOR	1	
	Q4502,03	2SD0601ARL	TRANSISTOR	2	
	Q4514-17	2SB0709ARL	TRANSISTOR	4	
	Q4522,23	2SD0601ARL	TRANSISTOR	2	
	Q5522	2SB0709ARL	TRANSISTOR	1	
	Q5600	B1MBEDA00015	TRANSISTOR	1	
	Q5601,02	B1MBDDA00003	FET	2	
	Q5603,04	2SD0601ARL	TRANSISTOR	2	
	Q5684	2SB0709ARL	TRANSISTOR	1	
	Q8300	2SB0709ARL	TRANSISTOR	1	
	Q9010	2SD0601ARL	TRANSISTOR	1	
	Q9044	2SD0601ARL	TRANSISTOR	1	
	Q9046	2SD0601ARL	TRANSISTOR	1	
	Q9057,58	2SD0601ARL	TRANSISTOR	2	
	Q9301,02	2SD0601ARL	TRANSISTOR	2	
	Q9805,06	2SD0601ARL	TRANSISTOR	2	
	Q9807	B1MBDDA00003	FET	1	
	Q9808	B1MBDDA00015	FET	1	
	Q9809	B1MBDDA00003	FET	1	
	Q14961,62	2SD0601ARL	TRANSISTOR	2	
	Q16001,02	B1JAEN000002	TRANSISTOR	2	
	Q16021,22	B1JAEN000002	TRANSISTOR	2	
	Q16041	B1JAEN000003	TRANSISTOR	1	
	Q16051	B1JAEN000003	TRANSISTOR	1	
	Q16102	2SK399800L	FET	1	
	Q16104	2SK399800L	FET	1	
	Q16141	B1HFPFA00001	TRANSISTOR	1	
	Q16161	B1HFPFA00001	TRANSISTOR	1	
	Q16171	B1ABRD000003	TRANSISTOR	1	
	Q16172	B1ADRD000001	TRANSISTOR	1	
	Q16181	B1ABRD000003	TRANSISTOR	1	
	Q16182	B1ADRD000001	TRANSISTOR	1	
	Q16191	B1HFPFA00001	TRANSISTOR	1	
	Q16251	2SD0601ARL	TRANSISTOR	1	
	Q16280	2SD0601ARL	TRANSISTOR	1	
	Q16301	B1CBGD000001	FET	1	
	Q16302	2SK3065T100	FET	1	
	Q16304	2SB0709ARL	TRANSISTOR	1	
	Q16331	B1CERL000012	FET	1	
	Q16335	B1CERL000012	FET	1	
	Q16339	2SK417300L	FET	1	
	Q16401-03	B1JAEN000002	TRANSISTOR	3	
	Q16421,22	B1JAEP000002	TRANSISTOR	2	
	Q16441	B1JAEN000003	TRANSISTOR	1	
	Q16451	B1JAEP000003	TRANSISTOR	1	
	Q16471	B1ABCF000231	TRANSISTOR	1	
	Q16501	B1HFPFA00001	TRANSISTOR	1	
	Q16521	B1HFPFA00001	TRANSISTOR	1	
	Q16531	B1ABRD000003	TRANSISTOR	1	
	Q16532	B1ADRD000001	TRANSISTOR	1	
	Q16551	B1ABRD000003	TRANSISTOR	1	
	Q16552	B1ADRD000001	TRANSISTOR	1	
	Q16581	B1ABCF000231	TRANSISTOR	1	
	Q16601	B1DEET000002	FET	1	
	Q16602	2SD0601ARL	TRANSISTOR	1	
	Q16603	2SB0709ARL	TRANSISTOR	1	
	Q16604	B1CHPM000001	FET	1	
	Q16605	2SB0709ARL	TRANSISTOR	1	
	Q16606	2SD0601ARL	TRANSISTOR	1	
	Q16607	B1CBGD000001	FET	1	
	Q16608	B1ABCF000231	TRANSISTOR	1	
	Q16621-23	2SK399500L	FET	3	
	Q16641-45	2SK4175000LZ	FET	5	
	Q16661	B1JAER000003	TRANSISTOR	1	
	Q16662	2SD0601ARL	TRANSISTOR	1	
	Q16663	2SB0709ARL	TRANSISTOR	1	
	Q16664	B1HFPFA00001	TRANSISTOR	1	
	Q16665	B1ABCF000231	TRANSISTOR	1	
	Q16762	B1ADNF000006	TRANSISTOR	1	
	Q16781	B1HFPFA00001	TRANSISTOR	1	
	Q16805	2SC3063	TRANSISTOR	1	
	Q16806	2SC1473AEA	TRANSISTOR	1	
	Q16814,15	B1ABCN000007	TRANSISTOR	2	

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	Q16816,17	2SD0601ARL	TRANSISTOR	2	
	Q16871,72	2SB0709ARL	TRANSISTOR	2	
	Q16873	B1ABCF000231	TRANSISTOR	1	
	Q16874	B1CBGD000001	FET	1	
	Q16875,76	B1ABCF000231	TRANSISTOR	2	
	Q16879	B1ABCF000231	TRANSISTOR	1	
	R1104	ERJ2GEJ473	M 47KOHM, J,0.063W	1	
	R1124,25	ERJ2GEJ473	M 47KOHM, J,0.063W	2	
	R1134	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
	R1139,40	ERJ2GEJ473	M 47KOHM, J,0.063W	2	
	R1143	ERJ2GEJ473	M 47KOHM, J,0.063W	1	
	R1144	ERJ2GEJ680	M 68 OHM, J,0.063W	1	
	R1145	ERJ2GEJ471	M 470 OHM, J,0.063W	1	
	R1148-54	ERJ2GEJ473	M 47KOHM, J,0.063W	7	
	R1157	ERJ2GEJ473	M 47KOHM, J,0.063W	1	
	R1160,61	ERJ2GEJ473	M 47KOHM, J,0.063W	2	
	R1162	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
	R1163	ERJ2GEJ105	M 1MOHM, J,0.063W	1	
	R1169	ERJ2GEJ683	M 68KOHM, J,0.063W	1	
	R1170	ERJ2GEJ333	M 33KOHM, J,0.063W	1	
	R1171	ERJ2GEJ683	M 68KOHM, J,0.063W	1	
	R1172	ERJ2GEJ333	M 33KOHM, J,0.063W	1	
	R1174,75	ERJ2GEJ220	M 22 OHM, J,0.063W	2	
	R1182	ERJ2GEJ273	M 27KOHM ,J,0.063W	1	
	R1183,84	ERJ2GEJ220	M 22 OHM, J,0.063W	2	
	R1194	ERJ2GEJ683	M 68KOHM, J,0.063W	1	
	R1196	ERJ2GEJ473	M 47KOHM, J,0.063W	1	
	R1198	ERJ2GEJ222	M 2.2KOHM, J,0.063W	1	
	R1199	ERJ2GEJ473	M 47KOHM, J,0.063W	1	
	R1200,01	ERJ2GEJ472	M 4.7KOHM, J,0.063W	2	
	R1203	ERJ2GEJ473	M 47KOHM, J,0.063W	1	
	R1204	ERJ2RKD330	M 33 OHM, J,0.063W	1	
	R1205,06	ERJ2GEJ220	M 22 OHM, J,0.063W	2	
	R1209,10	ERJ2GEJ473	M 47KOHM, J,0.063W	2	
	R1216	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
	R1218-20	ERJ2GEJ473	M 47KOHM, J,0.063W	3	
	R1221	D1BB7151A055	M7.15KOHM, 1/10W	1	
	R1236	ERJ2GEJ473	M 47KOHM, J,0.063W	1	
	R1237	ERJ2GEJ102X	M 1K OHM J 1/4W	1	
	R1243	ERJ2GEJ473	M 47KOHM, J,0.063W	1	
	R1255	ERJ2GEJ102X	M 1K OHM J 1/4W	1	
	R1279	ERJ2GEJ473	M 47KOHM, J,0.063W	1	
	R2058	ERJ2GEJ471	M 470 OHM, J,0.063W	1	
	R2059	ERJ2GEJ105	M 1MOHM, J,0.063W	1	

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	R2060	ERJ2GEJ680	M 68 OHM, J,0.063W	1	
	R2100	D1BB2002A055	M 20KOHM, 1/10W	1	
	R2104	D1BB2001A055	M 2KOHM, 1/10W	1	
	R2110	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
	R2111	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
	R2113	D1BB1203A055	M 120KOHM, 1/10W	1	
	R2114	D1BB7502A055	M 75KOHM, 1/10W	1	
	R2115-17	ERJ2GEJ103	M 10KOHM, J,0.063W	3	
	R2138	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
	R2150,51	D1BB2802A055	M 28KOHM, 1/10W	2	
	R2162,63	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
	R2164	ERJ2GEJ102X	M 1K OHM J 1/4W	1	
	R2271	EXB28V220J	RESISTOR ARRAY	1	
	R2301,02	ERJ2GEJ222	M 2.2KOHM, J,0.063W	2	
	R2305	ERJ2GEJ471	M 470 OHM, J,0.063W	1	
	R2308	ERJ8GEYJ3R3V	M 3.3 OHM, J,1/ 8W	1	
	R2310	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
	R2311	ERJ8GEYJ3R3V	M 3.3 OHM, J,1/ 8W	1	
	R2313	ERJ8GEYJ3R3V	M 3.3 OHM, J,1/ 8W	1	
	R2315	ERJ8GEYJ3R3V	M 3.3 OHM, J,1/ 8W	1	
	R2325	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
	R2330	ERJ2GEJ392	M 3.9KOHM, J,0.063W	1	
	R2331	ERJ3GEYJ221	M 220 OHM,J,1/ 16W	1	
	R2516	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
	R2517	ERJ6GEYG470V	M 47 OHM,J,1/10W	1	
	R2520	ERJ3GEYJ224	M 220KOHM,J,1/ 16W	1	
	R2524	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
	R2525	D1BB8200A055	M 820 OHM, 1/10W	1	PAVCA
	R2542	D0GB473JA057	M 47KOHM,J,1/16W	1	
	R2557	ERJ3GEYJ562	M 5.6KOHM,J,1/ 16W	1	
	R3058-60	ERJ2GEJ221	M 220 OHM, J,0.063W	3	
	R3061	D1BB75R0A055	M 75 OHM, 1/10W	1	PAVCA
	R3062,63	ERJ2GEJ221	M 220 OHM, J,0.063W	2	
	R3064	D1BB75R0A055	M 75 OHM, 1/10W	1	PAVCA
	R3065	ERJ2GEJ102X	M 1K OHM J 1/4W	1	
	R3066	D1BB75R0A055	M 75 OHM, 1/10W	1	PAVCA
	R3067,68	ERJ2GEJ221	M 220 OHM, J,0.063W	2	
	R3070	ERJ2GEJ102X	M 1K OHM J 1/4W	1	
	R3071	ERJ2GEJ221	M 220 OHM, J,0.063W	1	
	R3076	ERJ6RED750	M 75 OHM, 1/10W	1	
	R3077-90	ERJ2GEJ221	M 220 OHM, J,0.063W	14	
	R3095-99	ERJ2GEJ680	M 68 OHM, J,0.063W	5	
	R3107	ERJ2GEJ680	M 68 OHM, J,0.063W	1	
	R3123,24	ERJ2GEJ182	M 1.8KOHM, J,0.063W	2	
	R3145	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
	R3146	ERJ2GEJ184	M 180KOHM, J,0.063W	1	
	R3147	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
	R3148	ERJ2GEJ184	M 180KOHM, J,0.063W	1	

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	R3149,50	ERJ2GEJ101	M 100 OHM, J,0.063W	2	
	R3151	ERJ2GEJ105	M 1MOHM, J,0.063W	1	
	R3152	ERJ2GEJ473	M 47KOHM, J,0.063W	1	
	R3153	ERJ2GEJ102X	M 1K OHM J 1/4W	1	
	R3154	ERJ2GEJ274	M 270KOHM, J,0.063W	1	
	R3189	D1BB75R0A055	M 75 OHM, 1/10W	1	PAVCA
	R3190-93	D0GB393JA041	M 39KOHM,J,1/16W	4	
	R3194	D1BB75R0A055	M 75 OHM, 1/10W	1	PAVCA
	R3198,99	D1BB75R0A055	M 75 OHM, 1/10W	2	PAVCA
	R3202	D0GB393JA041	M 39KOHM,J,1/16W	1	
	R3203	D1BB75R0A055	M 75 OHM, 1/10W	1	PAVCA
	R3204	D0GB393JA041	M 39KOHM,J,1/16W	1	
	R3208,09	D1BB75R0A055	M 75 OHM, 1/10W	2	PAVCA
	R3211,12	D1BB75R0A055	M 75 OHM, 1/10W	2	PAVCA
	R3570,71	D0GDR00Z0002	M 0 OHM, 1/10W	2	
	R3716,17	ERJ6ENF3902	M 39KOHM, 1/10W	2	
	R3721	D0GD103JA036	M 10KOHM,J,0.25W	1	
	R3750	ERJ6ENF1432	M14.3KOHM, 1/10W	1	
	R3751	ERJ6ENF6651	M6.65KOHM, 1/10W	1	
	R3752	ERJ6ENF1741	M1.74KOHM, 1/10W	1	
	R3753	ERJ6ENF1621	M1.62KOHM, 1/10W	1	
	R3754	ERJ6ENF2321	M2.32KOHM, 1/10W	1	
	R3756	D0GDR00Z0002	M 0 OHM, 1/10W	1	
	R3758	ERJ6ENF3161	M3.16KOHM, 1/10W	1	
	R3801,02	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
	R3803	ERJ2GEJ332	M 3.3KOHM, J,0.063W	1	
	R3804,05	ERJ2GEJ472	M 4.7KOHM, J,0.063W	2	
	R3806	ERJ2GEJ473	M 47KOHM, J,0.063W	1	
	R3807,08	ERJ2GEJ100	M 10 OHM, J,0.063W	2	
	R3809,10	ERJ2GEJ102X	M 1K OHM J 1/4W	2	
	R3811	D1BB4701A055	M 4.7KOHM, 1/10W	1	
	R3812	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
	R3814	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	
	R3815	D0YAR0000007	M 0 OHM 1/4W	1	
	R3818	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
	R3821	ERJ2RKD330	M 33 OHM, J,0.063W	1	
	R3822	ERJ2GEJ102X	M 1K OHM J 1/4W	1	
	R3824-31	D0GA2R7JA014	M 2.7OHM, J,0.063W	8	PAVCA
	R3832	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	
	R3834	D1BB49R90002	M 49 OHM, 1/10W	1	PAVCA
	R3840,41	ERJ2GEJ100	M 10 OHM, J,0.063W	2	
	R3845	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	
	R3847	D0YAR0000007	M 0 OHM 1/4W	1	
	R3854	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
	R4079	D1HG5608A002	NETWORK RESISTER	1	
	R4081	D1HG5608A002	NETWORK RESISTER	1	
	R4089-91	D1HG5608A002	NETWORK RESISTER	3	
	R4112	ERJ2GEJ331	M 330 OHM, J,0.063W	1	
	R4113	ERJ6GEYG681	M 680 OHM,J,1/ 10W	1	
	R4115	D1BB1003A055	M 100KOHM, 1/10W	1	PAVCA
	R4116	D1BB3401A055	M 3.4KOHM, 1/10W	1	PAVCA
	R4117	D1BB4701A055	M 4.7KOHM, 1/10W	1	
	R4122	ERJ2GEJ680	M 68 OHM, J,0.063W	1	
	R4123-33	ERJ2GEJ220	M 22 OHM, J,0.063W	11	

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	R4134-36	ERJ2GEJ331	M 330 OHM, J,0.063W	3	
	R4137	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
	R4138-40	ERJ2GEJ220	M 22 OHM, J,0.063W	3	
	R4153	ERJ2GEJ473	M 47KOHM, J,0.063W	1	
	R4155	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
	R4158	ERJ3GEYD153V	M 15KOHM,J,1/16W	1	
	R4168	EXB2HV473JV	RESISTOR ARRAY	1	
	R4170,71	ERJ2GEJ220	M 22 OHM, J,0.063W	2	
	R4327	ERJ2GEJ473	M 47KOHM, J,0.063W	1	
	R4502,03	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
	R4526,27	ERJ2GEJ102X	M 1K OHM J 1/4W	2	
	R4528	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
	R4530	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
	R4538	ERJ2GEJ473	M 47KOHM, J,0.063W	1	
	R4540	ERJ2GEJ473	M 47KOHM, J,0.063W	1	
	R4548,49	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
	R4552	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
	R4587	D1BB60400001	M 604 OHM, 1/10W	1	
	R4588,89	D1BB8060A055	M 806 OHM, 1/10W	2	
	R4592	D1BB8060A055	M 806 OHM, 1/10W	1	
	R4593	D1BB2201A055	M 2.2KOHM, 1/10W	1	
	R4596-98	ERJ6GEYG102	M 1KOHM,J,1/10W	3	
	R4600	ERJ2GEJ680	M 68 OHM, J,0.063W	1	
	R4601	ERJ6GEYG102	M 1KOHM,J,1/10W	1	
	R4603,04	ERJ2GEJ680	M 68 OHM, J,0.063W	2	
	R4606	D1BB9101A055	M 9.1KOHM, 1/10W	1	
	R4609,10	ERJ2GEJ680	M 68 OHM, J,0.063W	2	
	R4611	D1BB5601A055	M 5.6KOHM, 1/10W	1	
	R4613	ERJ2GEJ680	M 68 OHM, J,0.063W	1	
	R4615	D0YAR0000007	M 0 OHM 1/4W	1	
	R4620	D0YAR0000007	M 0 OHM 1/4W	1	
	R4622	D0YAR0000007	M 0 OHM 1/4W	1	
	R4624,25	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
	R4626,27	D1BB2200A055	M 220 OHM, 1/10W	2	
	R4631	D1BB4990A055	M 499 OHM, 1/10W	1	
	R4634	D1BB2200A055	M 220 OHM, 1/10W	1	
	R4635	EXB28V680JX	RESISTOR ARRAY	1	
	R4636-38	ERJ2GEJ680	M 68 OHM, J,0.063W	3	
	R4639,40	EXB28V680JX	RESISTOR ARRAY	2	
	R4641	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
	R4643	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
	R4645,46	ERJ2GEJ680	M 68 OHM, J,0.063W	2	
	R4648	EXB28V330J	RESISTOR ARRAY	1	
	R4649	EXB28V680JX	RESISTOR ARRAY	1	
	R4650,51	ERJ2GEJ680	M 68 OHM, J,0.063W	2	
	R4652	ERJ2GEJ473	M 47KOHM, J,0.063W	1	
	R4665,66	ERJ2GEJ473	M 47KOHM, J,0.063W	2	
	R4670	ERJ2GEJ680	M 68 OHM, J,0.063W	1	
	R4678,79	EXB28V680JX	RESISTOR ARRAY	2	
	R4700-06	ERJ2GEJ473	M 47KOHM, J,0.063W	7	

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	R4714	D0YAR0000007	M 0 OHM 1/4W	1	
	R4821	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
	R5058	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
	R5069	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
	R5137-39	ERJ2GEJ103	M 10KOHM, J,0.063W	3	
	R5188	ERJ2GEJ471	M 470 OHM, J,0.063W	1	
	R5400	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
	R5401	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
	R5402	D1BB4532A055	M4.53KOHM, 1/10W	1	
	R5403	D1BB1002A055	M 10KOHM, 1/10W	1	
	R5405	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
	R5406	ERJ2GEJ203	M 20KOHM,J,0.063W	1	
	R5407	D1BB8872A055	M8.87KOHM, 1/10W	1	
	R5408	D1BB1002A055	M 10KOHM, 1/10W	1	
	R5535	ERJ2GEJ222	M 2.2KOHM, J,0.063W	1	
	R5536	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	
	R5537	ERJ2GEJ152	M 1.5KOHM, J,0.063W	1	
	R5538	ERJ2GEJ222	M 2.2KOHM, J,0.063W	1	
	R5540	ERJ6GEYJ471	M 470 OHM,J,1/ 10W	1	
	R5542	ERJ6GEYJ471	M 470 OHM,J,1/ 10W	1	
	R5544	ERJ2GEJ221	M 220 OHM, J,0.063W	1	
	R5600	ERJ2GEJ680	M 68 OHM, J,0.063W	1	
	R5604	D1BB4702A055	M 47KOHM, 1/10W	1	
	R5605	D1BB1272A055	M12.7KOHM, 1/10W	1	
	R5606,07	D0YAR0000007	M 0 OHM 1/4W	2	
	R5610	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
	R5611	D1BB4702A055	M 47KOHM, 1/10W	1	
	R5612	D1BB3602A055	M 36KOHM, 1/10W	1	
	R5620	ERJ2GEJ680	M 68 OHM, J,0.063W	1	
	R5621	D1BB2802A055	M 28KOHM, 1/10W	1	
	R5622	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
	R5623	D1BB4702A055	M 47KOHM, 1/10W	1	
	R5625-28	D0YAR0000007	M 0 OHM 1/4W	4	
	R5629	D1BB2802A055	M 28KOHM, 1/10W	1	
	R5630	D1BB4752A055	M4.75KOHM, 1/10W	1	
	R5631	D1BB3602A055	M 36KOHM, 1/10W	1	
	R5632	D1BB3002A055	M 30KOHM, 1/10W	1	
	R5633	D1BB3602A055	M 36KOHM, 1/10W	1	
	R5634	D1BB2802A055	M 28KOHM, 1/10W	1	
	R5635	ERJ2GEJ223	M 22KOHM, J,0.063W	1	
	R5636	ERJ2GEJ683	M 68KOHM, J,0.063W	1	
	R5637	D0YAR0000007	M 0 OHM 1/4W	1	
	R5638	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
	R5641	ERJ2GEJ473	M 47KOHM, J,0.063W	1	
	R5644	ERJ2GEJ222	M 2.2KOHM, J,0.063W	1	
	R5646	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
	R5647	ERJ2GEJ473	M 47KOHM, J,0.063W	1	
	R5648	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
	R5650,51	ERJ2GED563X	M 56KOHM ,J,0.063W	2	

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	R5652	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
	R5662	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
	R5664	ERJ2GEJ105	M 1MOHM, J,0.063W	1	
	R5665	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
	R5666	ERJ2GEJ471	M 470 OHM, J,0.063W	1	
	R5667	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
	R5747	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
	R5748	ERJ2GEJ123	M 12KOHM ,J,0.063W	1	
	R5749	ERJ2GEJ473	M 47KOHM, J,0.063W	1	
	R5762	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
	R7701	ERJ2GEJ680	M 68 OHM, J,0.063W	1	
	R7702	D0YAR0000007	M 0 OHM 1/4W	1	
	R7703-05	ERJ2GEJ680	M 68 OHM, J,0.063W	3	
	R7706	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
	R7708	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
	R7709	ERJ2GEJ680	M 68 OHM, J,0.063W	1	
	R7710	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
	R7713	D0YAR0000007	M 0 OHM 1/4W	1	
	R7716	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
	R7731	D0YAR0000007	M 0 OHM 1/4W	1	
	R7792-99	ERJ3GEY0R00	M 0 OHM, 1/16W	8	
	R8001	ERJ2GEJ221	M 220 OHM, J,0.063W	1	
	R8002	ERJ2GEJ560	M 56 OHM, J,0.063W	1	
	R8004	D1BB2402A055	M 24KOHM, 1/10W	1	
	R8005	D1BB1002A055	M 10KOHM, 1/10W	1	
	R8006	D1BB6801A055	M 6.8KOHM, 1/10W	1	
	R8030	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
	R8031,32	D1BB2700A055	M 270 OHM, 1/10W	2	
	R8035	D0YAR0000007	M 0 OHM 1/4W	1	
	R8056-73	ERJ2GEJ470	M 47 OHM, J,0.063W	18	
	R8074	ERJ2GEJ221	M 220 OHM, J,0.063W	1	
	R8075-78	ERJ2GEJ470	M 47 OHM, J,0.063W	4	
	R8081	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
	R8082	D1BA75R0A014	M0.75KOHM, 1/10W	1	
	R8083	ERJ2GEJ301	M 300 OHM, J,0.063W	1	
	R8086	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
	R8087	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
	R8090	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
	R8091	ERJ2GEJ181	M 180 OHM, J,0.063W	1	
	R8093	ERJ2GEJ470	M 47 OHM, J,0.063W	1	
	R8094	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
	R8097	ERJ2GEJ221	M 220 OHM, J,0.063W	1	
	R8098,99	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
	R8100	ERJ2GEJ470	M 47 OHM, J,0.063W	1	
	R8101	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
	R8106	ERJ2GEJ202	M 2KOHM, J,0.063W	1	

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	R8107	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
	R8112	ERJ2GEJ222	M 2.2KOHM, J,0.063W	1	
	R8302,03	ERJ2GEJ470	M 47 OHM, J,0.063W	2	
	R8304	D0YAR0000007	M 0 OHM 1/4W	1	
	R8305,06	ERJ2GEJ101	M 100 OHM, J,0.063W	2	
	R8307,08	ERJ2GEJ562	M 5.6KOHM, J,0.063W	2	
	R8309	ERJ2GEJ221	M 220 OHM, J,0.063W	1	
	R8311	ERJ2GEJ221	M 220 OHM, J,0.063W	1	
	R8313	ERJ6GEYG102	M 1KOHM,J,1/10W	1	
	R8314	D1BB1202A055	M 12KOHM, 1/10W	1	PAVCA
	R8315	ERJ2GEJ102X	M 1K OHM J 1/4W	1	
	R8316,17	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
	R8318-20	ERJ2GEJ220	M 22 OHM, J,0.063W	3	
	R8321	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
	R8323	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
	R8324-27	ERJ2GEJ470	M 47 OHM, J,0.063W	4	
	R8331	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
	R8333,34	ERJ2GEJ473	M 47KOHM, J,0.063W	2	
	R8335	ERJ2GEJ680	M 68 OHM, J,0.063W	1	
	R8336	D0GDR00Z0002	M 0 OHM, 1/10W	1	
	R8502	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
	R8504	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
	R8512	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
	R8517	ERJ2RKD330	M 33 OHM, J,0.063W	1	
	R8519,20	ERJ2RKD330	M 33 OHM, J,0.063W	2	
	R8528-32	ERJ2GEJ560	M 56 OHM, J,0.063W	5	
	R8533	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
	R8536	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
	R8538-45	ERJ2GEJ220	M 22 OHM, J,0.063W	8	
	R8546-48	ERJ2GEJ332	M 3.3KOHM, J,0.063W	3	
	R8550	ERJ2GEJ332	M 3.3KOHM, J,0.063W	1	
	R8552,53	ERJ2GEJ182	M 1.8KOHM, J,0.063W	2	
	R8554,55	ERJ2GEJ220	M 22 OHM, J,0.063W	2	
	R8556	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	
	R8557,58	ERJ2GEJ332	M 3.3KOHM, J,0.063W	2	
	R8561	ERJ2RKD330	M 33 OHM, J,0.063W	1	
	R8562-65	ERJ2GEJ103	M 10KOHM, J,0.063W	4	
	R8566	EXB28V103JX	RESISTOR ARRAY	1	
	R8570	ERJ2RKD330	M 33 OHM, J,0.063W	1	
	R8573	EXB28V680JX	RESISTOR ARRAY	1	
	R8574	ERJ2GEJ680	M 68 OHM, J,0.063W	1	
	R8575	ERJ2GEJ820	M 82 OHM, J,0.063W	1	
	R8608	ERJ2GEJ473	M 47KOHM, J,0.063W	1	
	R8661	ERJ2GEJ103	M 10KOHM, J,0.063W	1	

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	R8663	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
	R8721,22	ERJ2GEJ560	M 56 OHM, J,0.063W	2	
	R8765	ERJ2GEJ750	M 75 OHM, J,0.063W	1	
	R8767	ERJ2GEJ750	M 75 OHM, J,0.063W	1	
	R8769	ERJ2RKD330	M 33 OHM, J,0.063W	1	
	R8770	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
	R8772	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
	R8793	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
	R8844	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
	R8866	D1BB91R0A055	M 91 OHM, 1/10W	1	PAVCA
	R8898	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
	R9062-67	ERJ2GEJ101	M 100 OHM, J,0.063W	6	
	R9068	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
	R9070	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
	R9071	ERJ2GEJ223	M 22KOHM, J,0.063W	1	
	R9072	ERJ2GEJ102X	M 1K OHM J 1/4W	1	
	R9080	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
	R9085,86	ERJ2GEJ472	M 4.7KOHM, J,0.063W	2	
	R9088	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
	R9089,90	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
	R9091	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	
	R9105	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
	R9107	ERJ2GEJ332	M 3.3KOHM, J,0.063W	1	
	R9110	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
	R9115,16	ERJ2GEJ101	M 100 OHM, J,0.063W	2	
	R9119	EXB38V470J	RESISTOR ARRAY	1	
	R9120	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
	R9121	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
	R9122	EXB38V103JV	RESISTOR ARRAY	1	
	R9123	ERJ2GEJ102X	M 1K OHM J 1/4W	1	
	R9124	ERJ2GEJ470	M 47 OHM, J,0.063W	1	
	R9125,26	ERJ2GEJ102X	M 1K OHM J 1/4W	2	
	R9127	ERJ2GEJ683	M 68KOHM, J,0.063W	1	
	R9128	D0GDR00Z0002	M 0 OHM, 1/10W	1	
	R9129	ERJ2GEJ473	M 47KOHM, J,0.063W	1	
	R9130	ERJ2GEJ470	M 47 OHM, J,0.063W	1	
	R9131	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
	R9132	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	
	R9133	ERJ2GEJ102X	M 1K OHM J 1/4W	1	
	R9134	ERJ2GEJ333	M 33KOHM, J,0.063W	1	
	R9141,42	ERJ2GEJ101	M 100 OHM, J,0.063W	2	
	R9145	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
	R9149	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	
	R9158,59	ERJ2GEJ103	M 10KOHM, J,0.063W	2	

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	R9161	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
	R9162-64	ERJ2GEJ103	M 10KOHM, J,0.063W	3	
	R9166	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
	R9170-72	ERJ2GEJ393	M 39KOHM,J,0.063W	3	
	R9187,88	ERJ2GEJ472	M 4.7KOHM, J,0.063W	2	
	R9189	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
	R9203	ERJ2GEJ223	M 22KOHM, J,0.063W	1	
	R9205	ERJ2GEJ333	M 33KOHM, J,0.063W	1	
	R9206	ERJ2GED563X	M 56KOHM ,J,0.063W	1	
	R9207	ERJ2GEJ243	M 24KOHM, J,0.063W	1	
	R9215	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
	R9223	ERJ2GEJ222	M 2.2KOHM, J,0.063W	1	
	R9225	ERJ2GEJ222	M 2.2KOHM, J,0.063W	1	
	R9317	ERJ2GEJ102X	M 1K OHM J 1/4W	1	
	R9347,48	EXB2HV220JV	RESISTOR ARRAY	2	
	R9350,51	ERJ2GEJ470	M 47 OHM, J,0.063W	2	
	R9352	EXB2HV470JV	RESISTOR ARRAY	1	
	R9353,54	EXB2HV220JV	RESISTOR ARRAY	2	
	R9355	EXB2HV470JV	RESISTOR ARRAY	1	
	R9356	EXB2HV220JV	RESISTOR ARRAY	1	
	R9357	D1HG33080001	NETWORK RESISTER	1	
	R9358,59	EXB2HV470JV	RESISTOR ARRAY	2	
	R9361,62	ERJ2GEJ470	M 47 OHM, J,0.063W	2	
	R9369	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	
	R9370	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
	R9371	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
	R9385	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	
	R9391	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
	R9396-99	ERJ2GEJ470	M 47 OHM, J,0.063W	4	
	R9401	ERJ2GEJ102X	M 1K OHM J 1/4W	1	
	R9402	ERJ2GEJ470	M 47 OHM, J,0.063W	1	
	R9403-06	D1HG1038A002	NETWORK RESISTER	4	
	R9578	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	
	R9586,87	ERJ2GEJ470	M 47 OHM, J,0.063W	2	
	R9588	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	
	R9598	ERJ2GEJ470	M 47 OHM, J,0.063W	1	
	R9604	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
	R9608-10	EXB2HV470JV	RESISTOR ARRAY	3	
	R9611	ERJ2GEJ680	M 68 OHM, J,0.063W	1	
	R9616	ERJ2GEJ470	M 47 OHM, J,0.063W	1	
	R9618	ERJ2GEJ331	M 330 OHM, J,0.063W	1	
	R9828	ERJ2GEJ473	M 47KOHM, J,0.063W	1	
	R9839	EXB38V101JV	RESISTOR ARRAY	1	
	R9846,47	D1HG1038A002	NETWORK RESISTER	2	
	R9848,49	EXB2HV470JV	RESISTOR ARRAY	2	
	R9854	D0YAR0000007	M 0.0 OHM, J,0.063W	1	

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	R9868	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
	R9869-71	ERJ2GEJ103	M 10KOHM, J,0.063W	3	
	R9878	D1BB1502A055	M 15KOHM, 1/10W	1	
	R9879	D1BB1302A055	M 13KOHM, 1/10W	1	
	R9886	D1BB4702A055	M 47KOHM, 1/10W	1	
	R9887	D1BB5102A055	M 51KOHM, 1/10W	1	
	R9888	D1BB1502A055	M 15KOHM, 1/10W	1	
	R9889	D1BB1822A055	M18.2KOHM, 1/10W	1	
	R9890	D1BB4752A055	M4.75KOHM, 1/10W	1	
	R9891	D1BB1272A055	M12.7KOHM, 1/10W	1	
	R9892	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
	R9893	D1BB4302A055	M 43KOHM, 1/10W	1	
	R9894	D1BB2002A055	M 20KOHM, 1/10W	1	
	R9895	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
	R9896	D1BB1822A055	M18.2KOHM, 1/10W	1	
	R9897	D1BB4752A055	M4.75KOHM, 1/10W	1	
	R9902	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
	R9903	EXB2HV470JV	RESISTOR ARRAY	1	
	R9905	ERJ2RKD330	M 33 OHM, J,0.063W	1	
	R9906	EXB38V470J	RESISTOR ARRAY	1	
	R9907	ERJ2GEJ151	M 150 OHM, J,0.063W	1	
	R9936-39	D1BB1001A055	M 1KOHM, 1/16W	4	
	R9940	ERJ2RKD330	M 33 OHM, J,0.063W	1	
	R9943	EXB2HV470JV	RESISTOR ARRAY	1	
	R9944-51	EXB38V470J	RESISTOR ARRAY	8	
	R9952-55	ERJ2GEJ470	M 47 OHM, J,0.063W	4	
	R9956-58	D0GDR00Z0002	M 0 OHM, 1/10W	3	
	R9965	ERJ2GEJ105	M 1MOHM, J,0.063W	1	
	R9966	ERJ2GEJ681	M 680 OHM, J,0.063W	1	
	R9967-70	ERJ2GEJ470	M 47 OHM, J,0.063W	4	
	R9972	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
	R9975	ERJ2GEJ470	M 47 OHM, J,0.063W	1	
	R9977	ERJ2GEJ470	M 47 OHM, J,0.063W	1	
	R9983	ERJ2GEJ470	M 47 OHM, J,0.063W	1	
	R9986	ERJ2GEJ102X	M 1K OHM J 1/4W	1	
	R9988	ERJ2GEJ470	M 47 OHM, J,0.063W	1	
	R9989	ERJ2GEJ332	M 3.3KOHM, J,0.063W	1	
	R9990	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
	R14349	D0GD103JA036	M 10KOHM,J,0.25W	1	
	R14901	D0GD101JA036	M 100 OHM,J,0.25W	1	
	R14902-06	ERJ6GEYG221	M 220 OHM,J,1/ 10W	5	
	R14907-10	ERJ3GEYJ220	M 22 OHM,J,1/16W	4	
	R14911-14	D0GD103JA036	M 10KOHM,J,0.25W	4	
	R14915	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
	R14916	D0GD103JA036	M 10KOHM,J,0.25W	1	
	R14917	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
	R14919,20	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
	R14921	ERJ8GEYJ224	M 220KOHM, J,1/ 8W	1	
	R14923-26	D0GD103JA036	M 10KOHM,J,0.25W	4	
	R14927	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
	R14943	ERJ6GEYG470V	M 47 OHM,J,1/10W	1	
	R14944	ERJ6GEYJ100V	M 10 OHM,J,1/10W	1	
	R14945-48	D0GDR00Z0002	M 0 OHM, 1/10W	4	
	R14949	ERJ6GEYJ203	M 20KOHM,J,1/10W	1	
	R14950	D0GD103JA036	M 10KOHM,J,0.25W	1	

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	R14951-55	ERJ6GEYG221	M 220 OHM,J,1/ 10W	5	
	R14956-60	ERJ3GEYJ220	M 22 OHM,J,1/16W	5	
	R14961-63	ERJ6GEYG331	M 330 OHM,G,1/ 10W	3	
	R14964	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
	R14965	ERJ6GEYG331	M 330 OHM,G,1/ 10W	1	
	R14966,67	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
	R14968	D0GD103JA036	M 10KOHM,J,0.25W	1	
	R14969	ERJ6GEYG332	M 3.3KOHM,J,1/ 10W	1	
	R14970	ERJ6GEYF472	M 4.7KOHM,F,1/ 10W	1	
	R14971,72	ERJT06J103V	M 10KOHM,F,0.25W	2	
	R14973-76	ERJ3GEYJ470	M 47 OHM,J,1/16W	4	
	R14977-79	ERJ6GEYG222	M 2.2KOHM,J,1/ 10W	3	
	R14980	ERJ6GEYG221	M 220 OHM,J,1/ 10W	1	
	R14981,82	D0GD103JA036	M 10KOHM,J,0.25W	2	
	R14984	D0GD103JA036	M 10KOHM,J,0.25W	1	
	R14986	ERJ8GEYJ224	M 220KOHM, J,1/ 8W	1	
	R14987	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
	R14988	ERJ6GEYG222	M 2.2KOHM,J,1/ 10W	1	
	R14989	ERJ6ENF1502	M 15KOHM, 1/10W	1	
	R14990	D0GD103JA036	M 10KOHM,J,0.25W	1	
	R14991	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
	R14992-94	ERJ3GEYJ470	M 47 OHM,J,1/16W	3	
	R14995-98	D0GD103JA036	M 10KOHM,J,0.25W	4	
	R16001,02	ERJT08J7R5V	M 7.5OHM,J, 0.33W	2	
	R16021,22	ERJT08J7R5V	M 7.5OHM,J, 0.33W	2	
	R16031,32	ERJ6ENF8202	M 82KOHM, 1/10W	2	
	R16033	ERJ6ENF5602	M 56KOHM, 1/10W	1	
	R16034	ERJ6ENF2702	M 27KOHM, 1/10W	1	
	R16041	ERJT08J5R6V	M 5.6 OHM,F,0.33W	1	
	R16051	ERJT08J5R6V	M 5.6 OHM,F,0.33W	1	
	R16102	ERJT06J221V	M 220 OHM,F,0.25W	1	
	R16104	ERJT06J221V	M 220 OHM,F,0.25W	1	
	R16109	ERJT06J100V	M 10 OHM,F,0.25W	1	
	R16110	ERJ6GEYF473	M 47KOHM,J,1/10W	1	
	R16116	ERJ6GEYF473	M 47KOHM,J,1/10W	1	
	R16131,32	D0GD101JA036	M 100 OHM,J,0.25W	2	
	R16134	ERJT06J750V	M 75 OHM,F,0.25W	1	
	R16137,38	ERJT08J1R0V	M 1.8OHM,J, 0.33W	2	
	R16141	ERJT06J100V	M 10 OHM,F,0.25W	1	
	R16142,43	ERJ6GEYF473	M 47KOHM,J,1/10W	2	
	R16151,52	D0GD101JA036	M 100 OHM,J,0.25W	2	
	R16154	ERJT06J750V	M 75 OHM,F,0.25W	1	
	R16155	ERJT08J1R0V	M 1.8OHM,J, 0.33W	1	
	R16159	ERJT08J1R0V	M 1.8OHM,J, 0.33W	1	
	R16161	ERJT06J100V	M 10 OHM,F,0.25W	1	
	R16162,63	ERJ6GEYF473	M 47KOHM,J,1/10W	2	
	R16171	ERJT06J100V	M 10 OHM,F,0.25W	1	
	R16172,73	ERJ6GEYF473	M 47KOHM,J,1/10W	2	
	R16181	ERJT06J100V	M 10 OHM,F,0.25W	1	
	R16182,83	ERJ6GEYF473	M 47KOHM,J,1/10W	2	
	R16191,92	D0GD101JA036	M 100 OHM,J,0.25W	2	
	R16193	ERJT06J750V	M 75 OHM,F,0.25W	1	
	R16194,95	ERJT08J1R0V	M 1.8OHM,J, 0.33W	2	
	R16220	ERJ6GEYG470V	M 47 OHM,J,1/10W	1	

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	R16221	ERJ6GEYF472	M 4.7KOHM,F,1/ 10W	1	
	R16230	ERJ6GEYG470V	M 47 OHM,J,1/10W	1	
	R16231	ERJ6GEYF472	M 4.7KOHM,F,1/ 10W	1	
	R16241	EXB38V470J	RESISTOR ARRAY	1	
	R16242	EXB38V472JV	RESISTOR ARRAY	1	
	R16251	ERJ6ENF1201	M 1.2KOHM, 1/10W	1	
	R16252,53	ERJ6ENF3902	M 39KOHM, 1/10W	2	
	R16254	ERJ6ENF8201	M 8.2KOHM, 1/10W	1	
	R16255	ERJ6ENF1001	M 1KOHM, 1/10W	1	
	R16256	ERJ6ENF1801	M 1.8KOHM, 1/10W	1	
	R16257	D0GD103JA036	M 10KOHM,J,0.25W	1	
	R16258	ERJ6GEYG222	M 2.2KOHM,J,1/ 10W	1	
	R16260	ERJ6GEYG222	M 2.2KOHM,J,1/ 10W	1	
	R16261	ERJ6GEYG104	M 100KOHM,J,1/ 10W	1	
	R16280	ERJ6GEYG222	M 2.2KOHM,J,1/ 10W	1	
	R16281	D0GD103JA036	M 10KOHM,J,0.25W	1	
	R16282	ERJ6GEYG221	M 220 OHM,J,1/ 10W	1	
	R16283	ERJ6GEYF473	M 47KOHM,J,1/10W	1	
	R16284	ERJ6GEYJ224	M 220KOHM,J,1/ 10W	1	
	R16285	ERJ6GEYJ623	M 62KOHM,J,1/10W	1	
	R16286	ERJT08J334V	M 330KOHM,F,0.33W	1	
	R16287	ERJ6GEYJ623	M 62KOHM,J,1/10W	1	
	R16288	ERJT08J334V	M 330KOHM,F,0.33W	1	
	R16289	ERJ6GEYJ623	M 62KOHM,J,1/10W	1	
	R16290	ERJT08J334V	M 330KOHM,F,0.33W	1	
	R16291	ERJ6GEYJ623	M 62KOHM,J,1/10W	1	
	R16292	ERJT08J334V	M 330KOHM,F,0.33W	1	
	R16300	ERJT08J102V	M 1KOHM,J, 0.33W	1	
	R16301	ERJ6GEYF472	M 4.7KOHM,F,1/ 10W	1	
	R16302	ERJ8GEYJ105	M 1MOHM, J,1/8W	1	
	R16303	D0GD101JA036	M 100 OHM,J,0.25W	1	
	R16304	ERJT08J681V	M 680 OHM,F,0.33W	1	
	R16305	ERJ6GEYG271	M 270 OHM,J,1/ 10W	1	
	R16306-08	D0GD101JA036	M 100 OHM,J,0.25W	3	
	R16309	ERJ6GEYF472	M 4.7KOHM,F,1/ 10W	1	
	R16310	ERJ6GEYG562	M 5.6KOHM,J,1/ 10W	1	
	R16311,12	ERJ6GEYF124	M 120KOHM,J,1/ 10W	2	
	R16313	ERJ6ENF4752	M47.5KOHM, 1/10W	1	
	R16314	ERJ6ENF5602	M 56KOHM, 1/10W	1	
	R16315	ERJ6ENF1241	M1.24KOHM, 1/10W	1	
	R16317	D0GDR00Z0002	M 0 OHM, 1/10W	1	
	R16321	ERJ6GEYF473	M 47KOHM,J,1/10W	1	
	R16322	ERJ6GEYF561	M 560 OHM,F,1/ 10W	1	
	R16323	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
	R16324	D0GD103JA036	M 10KOHM,J,0.25W	1	
	R16325	D0GDR00Z0002	M 0 OHM, 1/10W	1	
	R16331	ERJT06J101V	M 100 OHM,F,0.25W	1	
	R16333	ERJ6GEYJ334	M 330KOHM,J,1/ 10W	1	
	R16334	ERJT06J101V	M 100 OHM,F,0.25W	1	
	R16336	ERJT08J1R0V	M 1.8OHM,J, 0.33W	1	
	R16338	ERJT06J101V	M 100 OHM,F,0.25W	1	

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	R16339	ERJ6GEYJ334	M 330KOHM,J,1/ 10W	1	
	R16340	ERJT06J152V	M 1.5KOHM,F,0.25W	1	
	R16401-03	ERJT08J7R5V	M 7.5OHM,J, 0.33W	3	
	R16421,22	ERJT08J7R5V	M 7.5OHM,J, 0.33W	2	
	R16441	ERJT08J5R6V	M 5.6 OHM,F,0.33W	1	
	R16451	ERJT08J5R6V	M 5.6 OHM,F,0.33W	1	
	R16465	ERJ6ENF2702	M 27KOHM, 1/10W	1	
	R16466	ERJ6ENF5602	M 56KOHM, 1/10W	1	
	R16467,68	ERJ6ENF8202	M 82KOHM, 1/10W	2	
	R16471	ERJ6GEYG392	M 3.9KOHM,J,1/ 10W	1	
	R16472	ERJ6GEYG222	M 2.2KOHM,J,1/ 10W	1	
	R16473	ERJ6GEYF561	M 560 OHM,F,1/ 10W	1	
	R16474	ERJ6GEYG102	M 1KOHM,J,1/10W	1	
	R16475,76	ERJ6GEYF472	M 4.7KOHM,F,1/ 10W	2	
	R16477	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
	R16478	ERJ6GEYG562	M 5.6KOHM,J,1/ 10W	1	
	R16479	D0GD103JA036	M 10KOHM,J,0.25W	1	
	R16480	ERJ6GEYF472	M 4.7KOHM,F,1/ 10W	1	
	R16501,02	D0GD101JA036	M 100 OHM,J,0.25W	2	
	R16503	ERJT06J100V	M 10 OHM,F,0.25W	1	
	R16504	ERJT06J750V	M 75 OHM,F,0.25W	1	
	R16506	ERJT06J100V	M 10 OHM,F,0.25W	1	
	R16507-10	ERJT08J1R0V	M 1.8OHM,J, 0.33W	4	
	R16511,12	ERJ6GEYF473	M 47KOHM,J,1/10W	2	
	R16516,17	ERJ6GEYF473	M 47KOHM,J,1/10W	2	
	R16521,22	D0GD101JA036	M 100 OHM,J,0.25W	2	
	R16523	ERJT06J750V	M 75 OHM,F,0.25W	1	
	R16531	ERJT06J100V	M 10 OHM,F,0.25W	1	
	R16532,33	ERJ6GEYF473	M 47KOHM,J,1/10W	2	
	R16551	ERJT06J100V	M 10 OHM,F,0.25W	1	
	R16552,53	ERJ6GEYF473	M 47KOHM,J,1/10W	2	
	R16561-64	EXB38V470J	RESISTOR ARRAY	4	
	R16565-68	EXB38V472JV	RESISTOR ARRAY	4	
	R16580	ERJ6GEYG222	M 2.2KOHM,J,1/ 10W	1	
	R16582,83	ERJ6ENF3902	M 39KOHM, 1/10W	2	
	R16584	ERJ6ENF8201	M 8.2KOHM, 1/10W	1	
	R16585	ERJ6ENF1001	M 1KOHM, 1/10W	1	
	R16586	ERJ6ENF1801	M 1.8KOHM, 1/10W	1	
	R16587	ERJ6GEYG222	M 2.2KOHM,J,1/ 10W	1	
	R16588	D0GD103JA036	M 10KOHM,J,0.25W	1	
	R16590	ERJ6GEYG221	M 220 OHM,J,1/ 10W	1	
	R16591	EXB38V472JV	RESISTOR ARRAY	1	
	R16592	ERJ6GEYF472	M 4.7KOHM,F,1/ 10W	1	
	R16593	ERJ6ENF1201	M 1.2KOHM, 1/10W	1	
	R16600	D0GD103JA036	M 10KOHM,J,0.25W	1	
	R16601	ERJ6GEYF472	M 4.7KOHM,F,1/ 10W	1	
	R16602	ERJ6GEYG102	M 1KOHM,J,1/10W	1	
	R16603,04	ERJ6GEYG331	M 330 OHM,G,1/ 10W	2	
	R16605	ERJ6GEYG182	M 1.8KOHM,J,1/ 10W	1	
	R16606	D0GD103JA036	M 10KOHM,J,0.25W	1	
	R16607	ERJ6ENF6651	M6.65KOHM, 1/10W	1	
	R16608,09	ERJT08J102V	M 1KOHM,J, 0.33W	2	
	R16610	ERJ6GEYG104	M 100KOHM,J,1/ 10W	1	
	R16611	ERG2FJS473D	M 47KOHM, J, 2W	1	

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	R16612	ERJT06J470V	M 47 OHM,F,0.25W	1	
	R16613	ERG1FJS104D	M 100KOHM, J, 1W	1	
	R16615	ERJ6ENF1131	M1.13KOHM, 1/10W	1	
	R16616	D0GDR00Z0002	M 0 OHM, 1/10W	1	
	R16617	ERJ6GEYG222	M 2.2KOHM,J,1/ 10W	1	
	R16621-23	ERJ6GEYG221	M 220 OHM,J,1/ 10W	3	
	R16632	D0GD103JA036	M 10KOHM,J,0.25W	1	
	R16633	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
	R16634	ERJ6GEYJ471	M 470 OHM,J,1/ 10W	1	
	R16635	D0GD103JA036	M 10KOHM,J,0.25W	1	
	R16636	ERJ6GEYF472	M 4.7KOHM,F,1/ 10W	1	
	R16638,39	ERJT08J1R0V	M 1.8OHM,J, 0.33W	2	
	R16641-45	ERJT06J330V	M 33 OHM,F,0.25W	5	
	R16657	ERJ6GEYG682	M 6.8KOHM,J,1/ 10W	1	
	R16658	D0D1101JA009	M 100 OHM,J,1W	1	
	R16659,60	ERJ6GEYJ224	M 220KOHM,J,1/ 10W	2	
	R16661	ERJ6GEYG182	M 1.8KOHM,J,1/ 10W	1	
	R16662	ERJ6ENF3001	M 3KOHM, 1/10W	1	
	R16663	D0GD103JA036	M 10KOHM,J,0.25W	1	
	R16664	ERJT08J102V	M 1KOHM,J, 0.33W	1	
	R16665	ERJT06J330V	M 33 OHM,F,0.25W	1	
	R16666	ERJ6GEYG104	M 100KOHM,J,1/ 10W	1	
	R16667	ERJ6GEYJ471	M 470 OHM,J,1/ 10W	1	
	R16668	ERJ6GEYF473	M 47KOHM,J,1/10W	1	
	R16669	ERJ6GEYF472	M 4.7KOHM,F,1/ 10W	1	
	R16670	ERJT06J470V	M 47 OHM,F,0.25W	1	
	R16671	ERJ6GEYF473	M 47KOHM,J,1/10W	1	
	R16672	ERJ6GEYG102	M 1KOHM,J,1/10W	1	
	R16675	ERJT08J102V	M 1KOHM,J, 0.33W	1	
	R16680-82	ERJT06J100V	M 10 OHM,F,0.25W	3	
	R16696	ERF5TK2R2	W 2.2 OHM, K, 5W	1	
	R16700	ERJ6GEYF472	M 4.7KOHM,F,1/ 10W	1	
	R16701	D0GD103JA036	M 10KOHM,J,0.25W	1	
	R16702	ERJ6GEYG332	M 3.3KOHM,J,1/ 10W	1	
	R16703,04	D0GD103JA036	M 10KOHM,J,0.25W	2	
	R16705,06	D0GD101JA036	M 100 OHM,J,0.25W	2	
	R16707	ERJ6GEYJ471	M 470 OHM,J,1/ 10W	1	
	R16717	ERJ6GEYG222	M 2.2KOHM,J,1/ 10W	1	
	R16720-23	ERJ3GEYJ220	M 22 OHM,J,1/16W	4	
	R16729,30	ERJ6GEYF473	M 47KOHM,J,1/10W	2	
	R16731	ERG1FJS823D	M 82KOHM, J, 1W	1	
	R16732	ERJ6GEYG392	M 3.9KOHM,J,1/ 10W	1	
	R16733	ERJ6GEYJ474	M 470KOHM,J,1/ 10W	1	
	R16734	ERJ6ENF4991	M4.99KOHM, 1/10W	1	
	R16735,36	ERJ6ENF2213	M 221KOHM, 1/10W	2	
	R16737	ERJ6ENF2003	M 200KOHM, 1/10W	1	
	R16738	ERG1FJS823D	M 82KOHM, J, 1W	1	
	R16740	ERJ6GEYG104	M 100KOHM,J,1/ 10W	1	
	R16744	ERJ6ENF2003	M 200KOHM, 1/10W	1	
	R16749	D0GD103JA036	M 10KOHM,J,0.25W	1	
	R16750	ERJT06J223V	M 22 KOHM,F,0.25W	1	
	R16751	ERJT06J224V	M 220KOHM,F,0.25W	1	
	R16752	ERJ6GEYF472	M 4.7KOHM,F,1/ 10W	1	
	R16753	ERJ6GEYF473	M 47KOHM,J,1/10W	1	
	R16756	ERJT06J223V	M 22 KOHM,F,0.25W	1	
	R16757	D0GDR00Z0002	M 0 OHM, 1/10W	1	
	R16761	ERJT06J100V	M 10 OHM,F,0.25W	1	
	R16762	ERJ6GEYF473	M 47KOHM,J,1/10W	1	
	R16765	ERJT08J1R0V	M 1.8OHM,J, 0.33W	1	
	R16766	ERJT06J750V	M 75 OHM,F,0.25W	1	
	R16768	ERJT08J1R0V	M 1.8OHM,J, 0.33W	1	
	R16769	ERJT06J750V	M 75 OHM,F,0.25W	1	
	R16771	ERJ6GEYG182	M 1.8KOHM,J,1/ 10W	1	
	R16774	ERG1SJ683	M 68KOHM, J, 1W	1	
	R16775	ERJ6GEYF472	M 4.7KOHM,F,1/ 10W	1	
	R16776	D0GD101JA036	M 100 OHM,J,0.25W	1	
	R16777	ERJT06J151V	M 150 OHM,F,0.25W	1	
	R16778	ERJ6GEYG182	M 1.8KOHM,J,1/ 10W	1	
	R16781	ERJT06J470V	M 47 OHM,F,0.25W	1	
	R16782	ERJ6GEYF473	M 47KOHM,J,1/10W	1	
	R16785,86	ERJ6ENF8202	M 82KOHM, 1/10W	2	
	R16787	ERJ6ENF3302	M 33KOHM, 1/10W	1	
	R16788	ERJT06J154V	M 150KOHM,F,0.25W	1	
	R16789	D0GD103JA036	M 10KOHM,J,0.25W	1	
	R16794,95	ERJ6ENF2003	M 200KOHM, 1/10W	2	
	R16796	ERJ6ENF5602	M 56KOHM, 1/10W	1	
	R16822,23	ERJ6ENF8202	M 82KOHM, 1/10W	2	
	R16824	ERJ6ENF3302	M 33KOHM, 1/10W	1	
	R16825	ERJT06J154V	M 150KOHM,F,0.25W	1	
	R16826	D0GD103JA036	M 10KOHM,J,0.25W	1	
	R16827	D0GDR00Z0002	M 0 OHM, 1/10W	1	
	R16838	ERJ14YJ563U	M 56KOHM, 1/2W	1	
	R16841	ERJ14YJ563U	M 56KOHM, 1/2W	1	
	R16844	ERJ6ENF1241	M1.24KOHM, 1/10W	1	
	R16845	ERJ6ENF6202	M 62KOHM, 1/10W	1	
	R16846	ERJ6ENF6042	M60.4KOHM, 1/10W	1	
	R16850	ERJ6GEYF472	M 4.7KOHM,F,1/ 10W	1	
	R16851	ERJ6GEYG104	M 100KOHM,J,1/ 10W	1	
	R16852	D0GD103JA036	M 10KOHM,J,0.25W	1	
	R16855	ERG1FJS103D	M 10KOHM, J, 1W	1	
	R16856	ERQ12AJW560E	F 56 OHM, J,1/2W	1	
	R16857	ERJ12YJ124U	M 120KOHM, 1/2W	1	
	R16858	ERJ6ENF1001	M 1KOHM, 1/10W	1	
	R16860	D0D28R2JA021	M 8.2 OHM,J,2W	1	
	R16870	ERG2FJS333D	M 33KOHM, J, 2W	1	
	R16871	ERJ6GEYG392	M 3.9KOHM,J,1/ 10W	1	
	R16872	ERJ6GEYG332	M 3.3KOHM,J,1/ 10W	1	
	R16873	ERJ6ENF2491	M2.49KOHM, 1/10W	1	
	R16874,75	ERJ6ENF7152	M71.5KOHM, 1/10W	2	
	R16886-88	ERJ6GEYJ224	M 220KOHM,J,1/ 10W	3	
	R17111,12	EXB38V471J	RESISTOR ARRAY	2	
	R17116,17	D0GZ6R8JA020	M 6.8 OHM,J, 0.5W	2	
	R17121,22	EXB38V471J	RESISTOR ARRAY	2	
	R17126,27	D0GZ6R8JA020	M 6.8 OHM,J, 0.5W	2	
	R17131	EXB38V471J	RESISTOR ARRAY	1	
	R17132	EXB38V561J	RESISTOR ARRAY	1	
	R17136,37	D0GZ6R8JA020	M 6.8 OHM,J, 0.5W	2	
	R17141,42	EXB38V471J	RESISTOR ARRAY	2	
	R17146,47	D0GZ6R8JA020	M 6.8 OHM,J, 0.5W	2	
	R17151,52	EXB38V471J	RESISTOR ARRAY	2	
	R17156,57	D0GZ6R8JA020	M 6.8 OHM,J, 0.5W	2	

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	R17161	D0GDR00Z0002	M 0 OHM, 1/10W	1	
	R17162,63	EXB38V220JV	RESISTOR ARRAY	2	
	R17164	EXB38V102J	RESISTOR ARRAY	1	
	R17165	EXB38V220JV	RESISTOR ARRAY	1	
	R17166	EXB38V470J	RESISTOR ARRAY	1	
	R17167	EXB38V102J	RESISTOR ARRAY	1	
	R17170	D0GB102JA041	M 1KOHM,J,1/16W	1	
	R17171,72	ERJ3GEYJ470	M 47 OHM,J,1/16W	2	
	R17191	D0GF472JA047	M 4.7KOHM,J,0.33W	1	
	R17211,12	EXB38V471J	RESISTOR ARRAY	2	
	R17216,17	D0GZ6R8JA020	M 6.8 OHM,J, 0.5W	2	
	R17221,22	EXB38V471J	RESISTOR ARRAY	2	
	R17226,27	D0GZ6R8JA020	M 6.8 OHM,J, 0.5W	2	
	R17231,32	EXB38V471J	RESISTOR ARRAY	2	
	R17236,37	D0GZ6R8JA020	M 6.8 OHM,J, 0.5W	2	
	R17261	D0GDR00Z0002	M 0 OHM, 1/10W	1	
	R17262,63	EXB38V470J	RESISTOR ARRAY	2	
	R17264	EXB38V102J	RESISTOR ARRAY	1	
	R17265,66	EXB38V470J	RESISTOR ARRAY	2	
	R17267	EXB38V222J	RESISTOR ARRAY	1	
	R17268	ERJ3GEYJ222	M 2.2KOHM,J,1/ 16W	1	
	R17271,72	EXB38V470J	RESISTOR ARRAY	2	
	R17273,74	EXB38V222J	RESISTOR ARRAY	2	
	R17275	D0GDR00Z0002	M 0 OHM, 1/10W	1	
	R17316,17	D0GZ6R8JA020	M 6.8 OHM,J, 0.5W	2	
	R17326,27	D0GZ6R8JA020	M 6.8 OHM,J, 0.5W	2	
	R17336,37	D0GZ6R8JA020	M 6.8 OHM,J, 0.5W	2	
	R17361	D0GDR00Z0002	M 0 OHM, 1/10W	1	
	R17362	ERJ6GEYG102	M 1KOHM,J,1/10W	1	
	R17363,64	EXB38V220JV	RESISTOR ARRAY	2	
	R17365,66	ERJ3GEYJ470	M 47 OHM,J,1/16W	2	
	R17367	EXB38V102J	RESISTOR ARRAY	1	
	R17368,69	EXB38V470J	RESISTOR ARRAY	2	
	R17371,72	EXB38V471J	RESISTOR ARRAY	2	
	R17373,74	EXB38V470J	RESISTOR ARRAY	2	
	R17375,76	EXB38V471J	RESISTOR ARRAY	2	
	R17377,78	EXB38V470J	RESISTOR ARRAY	2	
	R17379,80	EXB38V471J	RESISTOR ARRAY	2	
	R17390	ERJ6GEYJ224	M 220KOHM,J,1/ 10W	1	
	R17391	D0GF472JA047	M 4.7KOHM,J,0.33W	1	
	RM2501	PNA4701M07TV	REMOCON RECEIVER	1	
	S2	K1KA02BA0061	2P CONNECTOR	1	
	SC2	K1KA02A00676	2P CONNECTOR	1	
	SC20	K1MN30BA0255	30P CONNECTOR	1	
	SC30	K1KA08AA0190	8P CONNECTOR	1	
	SC41,42	K1KA23AA0733	23P CONNECTOR	2	
	SC46	K1KA09A00239	9P CONNECTOR	1	
	SCMM1	TMME047	CLAMPER	1	
	SD1-D4	K1MN96BA0260	96P CONNECTOR	4	
	SD11	K1MN20BA0231	20P CONNECTOR	1	
	SD42	K1KB23AA0234	23P CONNECTOR	1	PAVCA
	SD46	K1KY09AA0607	9P CONNECTOR	1	
	SS02,03	K1KB07AA0087	7P CONNECTOR	2	
	SS11	K1KA02A00676	2P CONNECTOR	1	
	SS12	K1KA10AA0194	10P CONNECTOR	1	
	SS21,22	K1KA07A00170	7P CONNECTOR	2	
	SS23	K1KA12AA0194	12P CONNECTOR	1	
	SS34	K1KA03AA0193	3P CONNECTOR	1	
	SS52	K1MN13B00091	13P CONNECTOR	1	
	SS54,55	K1MN13B00091	13P CONNECTOR	2	
	SS57	K1MN13B00091	13P CONNECTOR	1	
	SSMM2	TMM17434-2	CLAMPER	1	
	SSMM3,M4	TMM7464-2	CLAMPER	2	
	SU1-U4	K1MN96BA0260	96P CONNECTOR	4	
	SU11	K1MN20BA0266	20P CONNECTOR	1	PAVCA
	SU41	K1KB23AA0234	23P CONNECTOR	1	PAVCA
	SW2500	K0F122A00172	SWITCREMOTE CONTROLH	1	
	SW3751	EVQPC105K	SWITCH	1	
	SW3753-58	EVQPC105K	SWITCH	6	
	T16301A	ETS19AB249AC	SWITCHING TRANS	1	
⚠	TU8300	ENGE6604KF	TUNER	1	PAVCA
	VR16000	EVMEASA00B54	CONTROL 50KOHMB 0.3W	1	
	VR16600	EVMEASA00B54	CONTROL 50KOHMB 0.3W	1	
	VR16602	EVMEASA00B33	CONTROL 3KOHMB 0.3W	1	
	X1100	H0J100500035	CRYSTAL	1	
	X2010	H0J245500089	CRYSTAL	1	
	X8001	H0J270500061	CRYSTAL	1	
	X8300	H0J250500079	CRYSTAL	1	PAVCA
	X9900	H0J200500076	CRYSTAL	1	
	ZA3701,02	K4CZ01000027	COMPATIBLE WITH JALCO K9	2	
	ZA3801,02	K4AD01D00005	TERMINAL	2	
	ZA4000-03	K4AZ01D00004	TERMINAL	4	
	ZA14901,02	K4AD01Z00003	TERMINAL	2	PAVCA
	ZA14951,52	K4AD01Z00003	TERMINAL	2	PAVCA
	ZA16001-03	K4CD01000011	AV TERMINAL	3	
	ZA16401-03	K4CD01000011	AV TERMINAL	3	
	ZA17101-06	K4AD01Z00001	TERMINAL	6	
	ZA17201-04	K4AD01Z00001	TERMINAL	4	
	ZA17301-04	K4AD01Z00001	TERMINAL	4	